CHEMIST AND DRUGGIST

RETAILER — WHOLESALER — MANUFACTURER

JUNE 3, 1950

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The CHEMIST AND DRUGGIST

for RETAILER — WHOLESALER — MANUFACTURER

JUNE 3, 1950

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

c copies I/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

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NEWS OF THE WEEK

ketail Trade in March.—Sales of mists' wares by large-scale retailers in rch rose by 9 per cent. compared with previous month, and were 16 per cent, her than in March 1949, according to ord of Trade statistics. Stocks at March were 24 per cent. up on the correspong date in 1949. Turnover of indepent retailers during March, although 3 cent. lower than in the previous month, s 8 per cent. more than March 1949, the index of number of sales per week 103) was a post-war March record.

Aid to Canadian Flood Victims.—At request of the Commonwealth Relans Department, T. J. Smith & Nephew, I., Hull, sent a consignment of Elastost doctor's sets; surgery cases; and plass of various widths on an aircraft that t for Winnipeg, Canada, on May 26 for treatment of wounds sustained by flood tims, relief workers, engineers, and pple working in the afflicted areas. nerous supplies of both fabric and water-off Elastoplast dressing material and is of plaster were included in the connment, and in all probability a more

extensive range of the company's products will follow on a second plane.

Cut in Payments in Scotland.—Miss Margaret Herbison, Under-secretary of State for Scotland, informed representatives of Scottish chemist-contractors under N.H.S. in Edinburgh, on May 25, that the Secretary of State for Scotland has decided on an 8 per cent. reduction in N.H.S. payments to Scottish chemists, to come into force on July 1. The reduction is to be provisional pending further negotiations and if necessary arbitration. The Glasgow Pharmaceutical Committee called a meeting of chemists' contractors for May 29 to be addressed by Messrs. Bennett and Young, and Dr. D. McCall (Pharmaceutical Society's resident secretary in Scotland).

Import Licensing Changes. — From June I various products were added to the list of goods which may be freely imported from the usual list of "permitted" countries. Carnauba wax and ouricuri wax have been added to Group 3. The following additions have been made to Group 5: Casein plastic material in the form of sheets, rods, tubes,

film and foil; caustic potash; copper sulphate; phenol and cresol formaldehyde moulding powders and resins; polyvinyl chloride; sodium chloride; urea formaldehyde moulding powders and resins. The following chemicals previously included in the list of exceptions under the heading synthetic organic chemicals, etc., have been deleted:—Butyl acetate; butyl alcohol; ethyl acetate; ethyl lactate; ethyl silicate; ethylene glycol; glycol ether esters; glycol ethers; isobutyl alcohol; lactic acid; triethanolamine.

Association of Scientific Workers.-The thirty-third annual council of the Association of Scientific Workers was held in London, on May 20-21, the London Pharmacists' Branch being represented by Mr. N. J. Van Abbe, Ph.C. Lord Boyd-Orr (president of the Association) called for further efforts to protect the interests of scientific workers through the medium of trade union organisation. A motion proposed by the London Pharmacists' Branch was accepted, protesting at the proposal to make a charge on National Health prescriptions and calling for stringent price control in the drug industry. Another motion asked for an approach to the Minister of Health in order to secure trade union representation on regional hospital boards, boards of governors of teaching hospitals and hospital management committees. The Council voted to continue pressing for the establishment of negotiated salary scales for scientific workers, declining to accept the policy of "wage-freezing." A motion calling for action to safeguard the rights of retail employee pharmacists to their half-day holiday was passed to the executive committee.

Guild of Public Pharmacists. — The twenty-seventh annual meeting of the Guild of Public Pharmacists was held in London on May 20, the president (Mr. D. H. S. Cox) in the chair. The treasurer (Mr. A. M. Mees) reported that the finances of the Guild were as satisfactory as could be expected after the heavy financial strain of the year. Acknowledgment was made to some 400 members who had responded to an appeal for funds and to the editors of the "Public Pharmacist." registrar (Mr. G. Bryan) said that the income from new members did not make up for normal annual losses, although membership had been maintained at four figures. The secretary (Mr. J. Moore) amplified his report, which had been circulated, covering every aspect of a full year work accomplished by the Council and i officers. A motion to increase the annu subscription to £2 2s. was adopted by large majority. The following were d clared elected to the council:—Ordina members: Miss M. C. Islip, Messrs. E. V. Barstow, G. Bryan, J. E. Cocking, J. Lloyd, A. M. Mees, J. Moore, C. H. Preton, Robinson, A. G. Shaw, and J. I. Wood; District members: Scottish, M. T. Morrison; North-western, Mr. D. Smith; North-eastern, Mr. A. N. Stepheson; Midland, Mr. P. Crees; South-western. Mr. E. T. Griffiths; South-easter Mr. S. Powlson. Tribute was paid to the work of Mr. D. H. S. Cox as treasurer f several years and as president during tyear. It was hoped that the year's reimposed upon him by his medical advise would enable him to seek re-election.

General Export Merchants.-Speakir at the annual meeting of the Nation General Export Merchants' Group (Bi mingham, Clasgow, Liverpool and Ma chester Chambers of Commerce) on Ma 25, the chairman, Mr. W. Mansfield, sa that the continued growth in the value of Britain's export trade in 1949 had bee a great achievement, although the Go ernment's assertion that the "volume of exports had risen 50 per cent, cor pared to pre-war was, in his opinion, mi leading. The Board of Trade "volume statistics were in fact estimates of value constant prices calculated in accordan with a formula. He found it difficult reconcile the official estimates with the to nage figures and the increase in expo prices. Productivity had been advocat as being an automatic solution of Briti trade problems, but the export of goo was not a unilateral process; it involve equally the co-operation of another cou try which might or might not be satisfic with our prices or times of delivery. Selling -now the more urgent side of the pro lem-was becoming increasingly difficul Coupled with the selling problem was t problem of payments. The export trawas beset with restrictions set up by natio as the result of fear: fear of continuing and growing adverse balances. A co tinuation of such a policy must lead to progressive constriction of world trade. A alternative course, which would conve world trade from a contracting to an e panding basis, had been put forward as solution, namely, a system of "multilater contra account."

LOCAL NEWS

Long Service Presentations.—Presentaons to the first two members of the aff of E. Moss, Ltd., Feltham, to achieve wenty-one years' continuous service with he company were made at the annual aff party on May 15 by Mr. E. Moss.

How to Get Bottles Back. — To enpurage the return of medicine bottles the eicester Pharmaceutical Committee has aggested that the Minister of Health bould be asked to supply a poster more in the with professional standards than the the at present available, and that official bels for sticking on each bottle, requestg its return, should also be issued.

Visits to Laboratories. — Public pharacists from Birmingham and the West of ngland visited the Wellcome Research aboratories, Beckenham, on May 4, and ere later entertained to dinner in Lonon, Mr. C. Gordon Oakes (joint managg director, Wellcome Foundation, Ltd.), esiding. A visit was paid to the Wellme Museum of Medical Science and Tellcome Historical Medical Library on e following morning.—Senior pharmaceucal students from Manchester University sited the laboratories of Thomas Kerot & Co., Ltd., Vale of Bardsley, Lancs, 1 May 3 and 10.

Lecture on Photographic Sensitisers. peaking on "Photographic Sensitisers" to joint meeting of the London and Southstern Counties Section of the Royal Initute of Chemistry and West Ham Munipal College Research Club recently, Dr.

M. Hamer said that the function of nsitisers was to make the plate sensitive ver the whole visible spectrum and even to the infra-red. In 1903 the isomeric isovanines were found to be good sensitisers, and all commercially valuable sensitisers keept erythrosin belonged to the cyanine related groups. Pinacyanol was the first anchromatic sensitiser. Greatly superior anchromatic sensitisers had later been repared. Supersensitisation sometimes ccurred with pairs of compounds and certin organic bases (not themselves sensisers) would produce supersensitising of nown active agents.

Birkenhead Golden Jubilee. — The mual meeting of the Birkenhead and Virral Pharmacists' Association, held remtly, coincided with the golden jubilee of the Association. To mark that occasion, a mum of 125 guineas was donated to the harmaceutical Society's Benevolent Fund,



PENICILLIN BY AIR.—During the week-end May 21-23, one of the largest consignments of penicillin ever to be flown from this country to India left London Airport for Bombay in chartered aircraft of Air Ceylon, British Overseas Airways Corporation and Air India International, Ltd. The total consignment weighed over fifteen tons, and had a value of approximately £250,000. The drug came from the two big British penicillin plants at Barnard Castle, co. Durham, and Ulverston, Lancs, operated by Glaxo Laboratories, Ltd. Above: Part of the consignment being loaded into an aircraft.

and a further £14 14s. to local charities. At a ceremony during the evening Mr. G. L. Hale (retiring president) was presented with a pipe to celebrate the completion of twenty-five years' service on the committee, and Messrs. R. G. Collins and J. W. Waterworth (retiring secretary, and social secretary) with fountain pens in recognition of their respective services. The following officers were elected:—President, Mr. J. Alec Dewar; Vice-presidents, Messrs. T. Brigham and F. J. Nichols; Treasurer, Mr. C. H. Crawshaw; Secretary, Mr. R. C. N. Powell, 53 Christchurch Road, Oxton, Birkenhead; Social Secretary, Mr. J. W. Waterworth; Committee, Messrs. G. L. Hale, M. B. Harrop, R. J. Price, R. Pilkington.

Cut Explained to M.P.—A deputation of the Slough Chemists' Association was received by Mr. Fenner Brockway (Member of Parliament, Eton and Slough) on May 20 to discuss the recent oncost reduction by the Minister of Health. Outlining the case, Mr. Elliott (secretary, local branch, National Pharmaceutical Union) said that loss on the new oncost figure would have to be made good out of fees and these were already being raided to

cover increased capital investment and delayed payments of account Apart from that there was the moral aspect; a contract had been made, and the Minister had altered it without fulfilling his own stipulations as to the manner of doing so. Mr. W. Breakspeare, Maidenhead, outlined the time-table of the notification, pointing out that no consultation in the generally accepted sense of the term had been carried out by the Minister. A static figure, resulting in a fluctuating percentage oncost, could not be borne by chemists, because if the number of prescriptions increased the chemist would be bankrupted. It was evident that the Minister recognised the vocational nature of the pharmaceutical profession and had taken advantage of it. Quoting from an accountant's balance sheet, a member stated that, allowing 10/17ths of his salaries bill for dispensing, the total return from an average of 1,000 prescriptions per month was £33 4s.; whereas, with the oncost at 16 per cent., the figure would be £24 14s. Overheads (such as cleaning, unqualified staff to take in and dispatch prescriptions; clerical work; urgent calls; buying; and interest on capital) which were difficult to assess, had not been deducted. Chemists could not, in fact, exist on N.H.S. dispensing alone. Mr. Hart said that the chemist could control neither the number nor contents of prescriptions and it was grossly unfair to recoup from the chemist part of the money which the Government had hoped to get from the now abandoned shilling levy. A fall in the efficiency of the Service seemed inevitable, as retraction in capital outlay would have to be undertaken.

IRISH NEWS

Medical Exhibition in Dublin.—During the period of the annual meeting of the Irish Medical Association (July 3-7), an exhibition of pharmaceutical preparations, surgical instruments, etc., is to be held at University College, Dublin. The secretary of the Exhibitors' Committee is Mr. William Jones, Fannin & Co., Dublin. Pharmacists may attend the Exhibition.

Office Theft.—Thieves broke into the offices of Aspro (Ireland), Ltd., Inchicore, Dublin, on the night of May 25 and stole notes and silver to the value of £270. A large safe was removed from the office to a field nearby and ripped open. Cheques and documents found in the safe were scattered around, some of which were later recovered.

OVERSEAS NEWS

Rome Symposium on Ultrasonics. The Italian National Research Count and Italian Physical Society, in collabortion with the International Union of Phsics, are organising an international syrposium on ultrasonics, to be held in Rom during June 14-17. Symposium arrangments are being made by Professor Am deo Giacomini of the University of Triest Italy.

International Chemists' Conference. An international conference of organic chemists, organised by the French Nation Centre for Scientific Research in collaboration with the Rockefeller Foundation, too place at Montpellier, France, recent The conference, which was held in the Chemistry Institute of Montpellier University, was attended by many European and American chemists.

Anti-rabies Programme in Iran.—The first statistically controlled demonstration of an anti-rabies treatment in human beings with newly developed vaccines is to be commenced in Iran under the sponso ship of the World Health Organisation following arecommendation of the W.H.C. Expert Committee on Rabies, Geneval April 17-22. The Committee also recommended a programme of eradicating rabie in dogs with a new virus vaccine, in an area to be chosen at a later date.

East African Antrycide Trial Result—The East African Veterinary Researd Organisation, in a report issued in Nairol Kenya, on April 21, said that results treatment of trypanosomiasis in cattle wit Antrycide were disappointing. Sixty cattly protected by Antrycide, were introduce into a tsetse fly area in September 194 Trypanosomiasis was developed within month of exposure to infection. "All by two had died within four months in spi of efforts to save them by therapy with Antrycide and dimidium," according to statement in the report.

Pharmacies in the French Union.—has been decreed that in Guadeloupe, Ma tinique and Réunion, no licence for a ne pharmacy is to be granted where there already one chemist's shop to every 3,00 of the population or over, one to ever 2,500 in communes of between 3,000 ar 30,000 inhabitants, or one to every 2,00 in communes of under 5,000 inhabitant In French Guiana, the licence limits a being fixed at a minimum of 1,400 inh bitants per pharmacy.

TOPICAL REFLECTIONS

nv Resolutions

'Heavy matters! heavy matters!" eximed the shepherd in "The Winter's le" on hearing a description of a shipeck. Any such comment on resolutions to a vote and lost at the Pharmaceuti-Society's Branch Representatives' meetreported on pp. 674-76 is probably fined to those who were on the losing e. As I had occasion to point out a few eks ago, some of these resolutions wed a lack of perception: their disaprance will not be much lamented. Rensibility for their introduction rests on se who compiled the agenda for the eting. It is all to the good that an inasing number of members should attend presentatives' meetings and speak on resolutions proposed; but surely mems could be equally eloquent on a smalnumber of more carefully selected ics. Any overlapping in the agenda only involves a waste of time but also tates readers of printed reports. ering what you politely call "slight ances of meaning on substantially idenal topics," these readers are likely to their reading short. One motion that vas glad to find among those passed (if y by a narrow majority) was the one iring that "all necessary steps" be en as soon as possible to have Council ctions conducted on a regional basis. legional" and "territorial" appear to synonymous in this context; whichever ective is used, I trust that the reform is v nearer to adoption.

Search for Headquarters

At the annual meeting of the Pharmatical Society (p. 672) the president aninced that the Society had to look for uilding or a site for headquarters. The ice lies, as the president indicated, been an existing building and one dened for the Society's requirements. nified structure, preferably one of hiscal interest, will be admirable if it can adapted to the purposes of a headorters of the Society: otherwise the lding fund in the Society's possession be conserved and if need be increased a newly erected house is paid for. Any et plan of London shows that choice of ility is limited. In the absence of an eptionally favourable offer elsewhere, area for selection is bounded on the th by Marylebone Road and Euston

Road, on the east by Gray's Inn Road and Chancery Lane, on the south by the Strand and Piccadilly, and on the west by Park Lane and Edgware Road. Kensington and South Kensington, though attractive in some respects, are too far from Central London and Westminster to be quite convenient for the headquarters of a learned society that has to keep in touch with a variety of interests. It may be argued that, in an age when even university dons travel by helicopter, the location of an office a few miles more or less from one's professional and business neighbours is of no account. That argument, however, ignores the conditions necessary for the office staff: presumably they cannot all be helicopter passengers.

Indentures

In a news paragraph (p. 654) recording an address by Mr. H. Humphreys Jones it is stated that his indentures were among the exhibits illustrating his "Intellectual Ramblings." Such indentures were, in the old phrase, "taken up" on completing an apprenticeship to the satisfaction of the employer. The terms usual in these agreements were well described in an article in the C. & D., 1947.I.374, where it was related that an apprentice was enjoined, among other things, not to "haunt or frequent " taverns or alehouses, "unless it be about his Master's business there to be done"; and not to contract matrimony. These terms remained substantially unchanged throughout the Victorian period. We are so accustomed to connecting the word "indenture" with apprenticeship that we are ant to forget its wider meaning. On picking up an old document beginning "This Indenture," we are as likely to find a conveyance of property or a lease as to find a covenant of apprenticeship. In the Middle Age, and later, title-deeds were often written in Latin. One that was lent me many years ago had been preserved since the seventeenth century. Though clearly written, it was a masterpiece of compression, setting forth the transaction in about seven lines with abbreviations as drastic as those of any National Health Service prescription. In one mode of conveyance the agreement was written in triplicate after a special kind of lawsuit, the third part of the agreement, known as the foot of a fine, being retained by the Court.

ANNUAL MEETINGS AND OFFICERS

Wembley Chemists' Association Officers.

The following have been appointed officers of the Wembley Chemists' Association:—Chairman, Mr. J. K. Westerman, Vice-chairman, Mr. P. H. Kirby; Secretary, Mr. F. E. Dee, 124 Slough Lane, London, N.W.9.

Hull Association and Branch.—At a recent meeting of the Hull Chemists' Association and Branch of the Pharmaceutical Society the following officers were elected:—Messrs. J. Barrit, President; B. H. C. Newton, Vice-president; Secretary, J. J. Small, 3 Alleridge Avenue, Hull.

Romford Branch.—The following have been elected officers of the Romford Branch of the Pharmaceutical Society:—Chairman, Mr. F. W. Paterson; Vice-chairmen, Messrs. J. Robertson and L. Parkinson; Treasurer, Mr. R. P. Small; Secretary, Mr. K. F. Moorey, 91 Park Drive, Upminster, Essex.

Chester Branch.—The following are the officers of the Chester Branch of the Pharmaceutical Society:—Chairman, Mr. C. F. Walton; Vice-chairman, Mr. J. Veitch; Treasurer, Mr. J. K. Hall; Secretary, Mr. Mr. A. W. Austin, 6 Northgate Street, Chester; Social secretary, Mr. J. Gerry, B.Pharm., Ph.C.

Tees-side Branch.—At the annual meeting of the Tees-side Branch of the Pharmaceutical Society recently the following officers were appointed:—Chairman, Mr. F. T. R. Hollings; Vice-chairman, Mr. T. R. Scholfield; Secretary and Treasurer, Mr. T. Gould, 23 Grange Road, Norton, Stockton-on-Tees.

Dartford Branch.—At the annual meeting of the Dartford Branch of the Pharmaceutical Society recently the films "Birth of a Drug" and "Industrial Dermatitis" were shown. The following officers were elected:—Chairman, Miss E. W. Robertson; Vice-chairman, Mr. D. S. Smith; Secretary, Mr. G. H. Sheard, 267 Princes Road, Dartford.

Durham County Branch.—At the annual meeting of the Durham County Branch of the Pharmaceutical Society the following officers were elected:—President, Miss J. Swinbank; Vice-president, Mr. W. Morgan; Treasurer, Mr. F. T. Richardson; Secretary, Mr. L. Wood, Woodbine House, Old Hunwick, Willington, co. Durham,

Bedfordshire Branch.—At the annumeeting of the Bedfordshire Branch of the Pharmaceutical Society recently the following officers were appointed:—Predent, Mr. A. V. Richards; Vice-preside Mr. J. Lindley; Secretary, Mr. L. G. Conformation of St. Bradley Road, Luton; Assistant Sectary, Mr. P. M. Meiklejohn; Treasur Mr. S. W. Readhead.

South-east London.—At the joint a nual meeting of the South-east Metrope tan Branch of the Pharmaceutical Socia and the South-east London Chemis Association the following officers we elected:—President, Mr. R. Irving; Vipresident, Mr. W. H. Green; Junior Vipresident, Mr. D. Cameron; Secreta Mr. J. M. Beal, 30 Belmont Hall Cou Belmont Grove, London, S.E.13; Soc Secretary, Mr. G. H. Rogers; Treasur Mr. R. Irving.

Plymouth Branch.—At the commen ment of the annual meeting of the P mouth Branch of the Pharmaceuti Society recently the retiring chairman (A. G. M. Madge) asked members to stain silent remembrance of the late Mr. Griffith Porter who had been present the previous annual meeting. The folloing officers were elected:—Chairman, Mr. C. A. Park; Vice-chairman, Mr. J. Smith; Treasurer, Mr. A. Downing; Autors, Messrs, A. M. Hunt and P. L. Coh Secretary, Mr. L. H. Bryan, 5 Bedfi Terrace, North Hill, Plymouth.

Scottish Chairman in Aberdeen.the annual meeting of the Aberdeen ? North-eastern Scottish Branch Pharmaceutical Society recently, James Farquhar (chairman of the Brane welcoming Mr. C. W. MacFarlane, Ph. (chairman, Scottish Department) ur members to support Mr. MacFarlane the election on May 17. Mr. MacFarl " Current spoke on "Current Pharmaceut Affairs." With the aid of maps, he show Pharmaceut the difficulties facing the Department securing a livelier branch organisation. described the work of the Department the functions of the various committ Later he answered many questions, following officers were appointed: -Ch man, Mr. J. Simpson; Vice-chairman, W. A. Park; Auditor, Mr. J. Farquh Treasurer, Mr. J. Smith; and Secreta Mr. W. S. Taylor, 49 Gladstone Plants Aberdeen.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

May 18 Mr. E. A. HARDY asked the inister of Health what would be the st of an all-night chemist service in Salrd; and whether his regulations enabled e chemists to arrange amongst themves for the service without having to tain his approval. Mr. ANEURIN BEVAN: am unable to give the estimate requested. is open to the chemists to make whater private arrangements they wish, but I buld not feel justified in approving an -night service as a charge on Exchequer nds. Mr. Hardy also asked whether the inister was aware that many doctors in lford could not supply drugs as provided under the emergency regulations for tients who were visited by them late in e evenings and early mornings when emists were closed; and what steps he oposed to take to remedy that situation. R. BEVAN replied that he was not aware at doctors could not comply with the gulations, and promised to look into y particular case brought to his notice.

rplus Surgical Instruments

COMMANDER J. F. W. MAITLAND asked Minister of Health, on May 18, when r-time surplus surgical instruments now his Department's supply depôt at Stonedge Park would be unpacked, classified made available for purchase by hosals; and why there had been delay in disposal of those instruments. Mr. van: This work has not been unduly ayed and should be completed by the 1 of 1950. Part of the surplus stocks already been offered to hospitals, and ther lists will be circulated shortly.

ceine Lymph Supplies

MR. BEVAN told MR. S. P. VIANT, on 19, 19, that the vaccine lymph sent by Lister Institute to Scotland during recent smallpox outbreak was supplied m normal stocks and that no sheep were cially used.

lised Salt

DR. B. STROSS asked the Minister of alth, on May 19, whether he would cause estigation to be made to establish whether ised salt for table use or in cooking the cause any reaction in persons sensito potassium or sodium iodides. MR. VAN: I am advised that the minute

amount of iodine involved appears to make any such investigation unnecessary, but the point will be further considered in connection with other representations.

Hearing Aids in Wales

Mr. Bevan told Mr. G. Roberts, on May 19, that the Ministry of Health had issued 4,979 hearing aids in Wales, and that 7,326 applications were outstanding.

Diphtheria Immunisation

MR. S. P. VIANT asked the Minister of Health, on May 19, how many children under fifteen years of age were immunised primarily against diphtheria in the years 1947 and 1948; how many of these had the full course of immunisation; and how many children had a reinforcing dose. MR. BEVAN: The figures asked for in the first and second parts of the question cannot be differentiated. They were 589.343 for 1947, and 702,744 for 1948. The numbers of children who received a reinforcing injection were 354,499 and 409,383 respectively.

Soap Rationing

DR. B. Stross asked the Minister of Food on May 24 when he estimated it would be possible to de-ration soap. MR. M. Webb: I would rather not speculate about this just now. DR. Stross: Will my right hon. Friend remember the answer he gave to me to a previous supplementary question, that our imports of oils and fats now stand rather high? MR. J. HARRISON asked whether the Minister would consider increasing the soap ration before he considered de-rationing it.

Price of Glucose

MR. R. W. SORENSEN asked the Minister of Food on May 24 if he had now inquired into the excessive price of glucose and glucose preparations. MR. Webb replied that his inquiries were not yet complete.

Cost of Pharmaceutical Services

In a written answer on May 25, Mr. Bevan told Mr. S. Hastings that the average annual cost of providing pharmaceutical services per insured person in the twelve months ended July 5, 1948, was 6s, 8d.; and in the twelve months ended March 31, 1950, per head of civilian population, 14s. 7d.

COMPANY NEWS

EUCRYL, LTD.—Final dividend on ordinary stock for 1949 is 10 per cent., less tax (second interim 10 per cent.), making 15 per cent. (same). Profit after all charges, including tax, amounts to £13,636 against £7,795.

BOOTS PURE DRUG Co., LTD.—Final dividend is 20 per cent. (the same) on enlarged ordinary capital, making 40 per cent. for the year to March 31, the same as in the previous twelve months. Group profits after all charges amount to £1,060,614 against £1,070,434. Net profit of the parent company is £720,378 (£627,662).

Ayrton, Saunders & Co., Ltd.—Trading profit for 1949 amounts to £84,300, against £61,100 in the previous year, and available balance after charging all trade expenses and providing for taxation is £57,068 (£53,046); to reserve £20,000 (£30,000); pension fund reserve, £5,000 (nil). Recommended ordinary dividend, 10 per cent., less tax (the same), £3,300 (£2,276); carried forward, £28,768 (£20,320). It is proposed to increase capital to £310,000 by the capitalisation of £60,000 from reserves and an issue of 60,000 new ordinary shares as bonus shares.

UNICHEM, LTD.—Net profit for 1949, after charging depreciation and interest on loans amounted to £8,515, against £1,346 in the previous year. Dividend is 6 per cent. (the same), £1,309 (£759); share issue expenses, £561 (nil); to national advertising reserve, £700 (nil); to general reserve, £1,500 (nil); £1,026 is carried forward, against £876 brought in. At the annual general meetings on May 24, the chairman, Mr. D. A. Rees, reported an increase in membership from 628 to 684. The retiring directors, Messrs. T. C. Neville Booth and F. Cherry were re-elected and Mr. Trevor Cale was elected to fill the remaining vacancy on the board, caused by the resignation of Mr. J. C. Young. Mr. E. Skues, managing director, said that branch depôts in the north and west of England were under consideration.

New Companies

Intra (England), Ltd. (P.C.).—Capital £100. To carry on the business of manufacturing chemists and druggists, etc. Ian A. Webber, director. R.O.: 59 Brompton Road, London, S.W.3.

J. Senior, Ltd. (P.C.).—Capital £200. To carry on the business of chemists and

druggists, etc. Sybil A. Senior, and W liam A. Russell, M.P.S., directors. R.C 2 Compton Street, Eastbourne.

CLEMENTS & WOOD, LTD. (P.C.). Capital £3,000. To carry on the busin of wholesale and retail chemists, druggi and opticians, etc. Margaret Clements, a Edward Wood, M.P.S., directors. R.C 66 High Street, London, S.E.25.

T. E. Ball, Ltd. (P.C.).—Capi £2,000. To carry on the business of who sale or retail, and manufacturing chemis etc. William B. Ball, Albert B. Ball, a Madeleine Pickard, directors. R.O.: I Lytham Road, Blackpool.

W. OWEN & SON, LTD. (P.C.).—Capi £5,000. To carry on the business of mar facturers of and dealers in pharmaceuti and toilet preparations etc. William Hunter and Norah Hunter, directors, R.C 151 Barras Bridge, Newcastle-on-Tyne.

S. N. PICKARD (OSSETT), LTD. (P.C.). Capital £5,000. To acquire the busin of chemists and druggists carried on by executors of the late S. N. Pickard Ossett, Yorks. Mary J. Pickard, Willi. Crowther, and Mrs. Kathleen Rigg, dir tors. R.O.: 9 Wesley Street, Ossett.

Benger Laboratories, Ltd. (P.C.) Capital £100. To carry on the business manufacturing and wholesale chemidruggists, drysalters, condensers and p servers of milk, etc. Reginald E. B. Beng John R. G. Fison, Dr. Frank Fletch Charles F. Stenson and Basil D. Thornd directors. R.O.: Harvest House, Ipswi Suffolk.

BUSINESS CHANGES

The telephone number of Mr. J. Stocks, M.P.S. (representative, Loftho & Saltmer, Ltd.), is now Bingley 2505

The telephone number of Sharp Dohme, Ltd., Hoddesdon, Herts, has b changed to Hoddesdon 3636.

THE DEPARTMENT OF SCIENTIFIC A INDUSTRIAL RESEARCH has removed Charles House, 5 Regent Street, Lond S.W.I. (Telephone: Whitehall 9788).

Thomas Kerfoot & Co., Ltd., Vale Bardsley, Ashton-under-Lyne, point that Mr. W. R. Heyworth, M.P.S., who been appointed the company's represertive in Yorks (see *G. & D.*, May 27, 664) was formerly the company's medirepresentative in the North of England.

LEGAL REPORTS

Failure to Make Entries.—Fines total-\$250 with 63s. costs were imposed on elderly chemist at Coventry recently, en Joseph Morton Knight, M.P.S., 22 lbrook Lane, Coventry, pleaded guilty four summonses alleging failure to enter scriptions containing Dangerous Drugs 1 refusing to produce the register for mination.

Pharmacy Act Fines .- At Ballyneety rict court, co. Limerick, Eire, on May Michael Culhane, Castletroy, Limerick, summoned at the instance of the Phar-ceutical Society of Ireland with a breach the Pharmacy Act. The charges were t, not being a qualified person, he sold phanilamide powder, and that he sold without a label giving the name and lress of the seller. Solicitor for Mr. hane pleaded guilty on behalf of his nt to both offences. Mr. Culhane sold ermaceutical preparations on commisi, but in fact had received no commison the particular sale. Mr. John J. ynor (law adviser to the Pharmaceutical iety of Ireland) said that the defendant eived his supplies from a Mr. J. G. yne, Ph.C., who should have known ter. Upon an undertaking being given defendant would not sell scheduled sons in future, the justice imposed fines Illing £6, with £4 4s. costs.

Transactions in Cocoa Butter. — At ames magistrates' court, London, re-tly, Ricks, Ltd., trading as Sheaves alth Foods, 298 Cavendish Road, Bal-1, S.W.12, and Robert Vincent Owen, Westbourne Park Road, Notting Hill, 11, were summoned by the Ministry Food for alleged contraventions of the ocolate, Sugar Confectionery coa Products Order, 1944, by selling oa butter, etc., at excessive prices, failto furnish invoices to purchasers, sellin contravention of a licence, selling trary to the terms of a buying permit failing to keep accurate records of and purchases. Ricardo Andreas Uria, 34 Mill Parade, Newport, Mon; nley Hastelow, 64 Princes Street, Barns-Yorks; George Frederick Finn, 35 ithe Street, Wells-next-Sea, Norfolk; l Percy Pisuto, 100 Bloxwich Road, Isall, Staffs, were summoned for buythe material at prices above the maxim. An inspector of the Ministry of Food forcement Division said that on April 1949, with a divisional inspector, he interviewed Owen at 70 Hyde Road, Hoxton, N.I. Shown certain letters, Owen said "I admit it is my signature. I do not wish to make any statement. Go and see my solicitor. Don't worry me. I have dispensing to do." At 298 Cavendish Road, said witness, he saw Mr. Littlejohn, who said he was secretary and a director of Ricks, Ltd. All the defendants were committed to the London Sessions for trial. All pleaded not guilty and reserved their defence.

Poisons Sold from Converted Pharmacy.—In the Liverpool stipendiary magistrates' court, on May 25, Phillip Bernstein and his wife, Ettie Bernstein, 2A Russell Street, Liverpool, were each fined a total of £12, with 21s. costs, on summonses under the Pharmacy Acts. It was alleged (a) that, not being registered as pharmacists, they had unlawfully used the title "chemist and druggist," in connection with the sale of goods by retail; (b) that, not being authorised sellers of poisons, they had unlawfully sold codeine tablets, and (c) that they had sold the tablets in a container not labelled in the prescribed manner. Both pleaded not guilty to the unlawful use of the title but guilty to the other summonses. The Pharmaceutical Society's solicitor stated that Bernstein and his wife had acquired in March 1949 the business at 2A Russell Street, previously run by a registered chemist. On March 20, 1950, Miss J. Billington, Bolton, an agent of the Society, visited the shop and was supplied with twenty-five codeine tablets in plain, unlabelled boxes. When Miss Billington disclosed her identity the de-fendants said the tablets had been left over by the previous owner of the business, and they did not know they were not entitled to sell them Miss Billington, in evidence, said that drugs, patent medicines, cosmetics and olive oil were sold at the store. Phillip Bernstein, in evidence, said that the business had been established about seventy-five years, but he and his wife carried on the shop as a drug store. They had never led anyone to believe they were registered chemists. The lettering "Chemist and Druggist" was embedded in the framework of the window, and it was so worn with age that it was hardly visible. Several contractors had declined the job of eradicating the lettering, as they thought it might cause the shop front to

BIRTHS

CHALMERS.—At St. Mary's Hospital, Leeds, on May 18, Violet, wife of George T. Chalmers, M.P.S., 2 Parkfield Grove, Leeds, of a son.

LIDDLE.—At Redlands, Glasgow, on May 19, Jean (née Beckham), wife of Henry C. Liddle, M.P.S., 2 Crown Circus, Glasgow, W.2, of a daughter.

Hughes.—At Harper's nursing home, Belfast on May 29, Thelma (née Mc-Cracken) wife of Denis Hughes, M.P.S., 262 Merville Garden Village, Whitehouse, Belfast, of a daughter (Marilyn).

MARRIAGES

BRINDLEY—CLEMOW.—On May 22. John Robert Brindley to Phyllis Margery Clemow (widow of the late Mr. Stanley George Clemow, M.P.S.), Hungerford Berks.

DEATHS

Usher.—On May 13, Mr. Thomas Glover Usher, M.P.S., St. Bannock's, Churchdown, Glos, aged fifty-eight.

Matthew.—On March 26, Mr. John Ewen Matthew, M.P.S., 97 Machon Bank, Netheredge, Sheffield, 7. Mr. Matthew qualified in 1887.

Bush.—Suddenly, on May 15, Mrs. Lilian M. Bush, the wife of Mr. E. P. D. Bush, Ph.C., 24 Wincheap Street, Canterbury, aged fifty-three.

Young.—At his home, 20 Lansdale Avenue, Lea, Gainsborough, Lincs, on May 25, Mr. George Herbert Young, M.P.S. Mr. Young qualified in 1889, and had been in business in Trinity Street, Gainsborough, for nearly forty years.

SIMINSON.—In hospital, at Ramsgate, recently, Mr. Eric Siminson, M.P.S., St. Luke's Avenue, Ramsgate, aged forty-five. Mr. Siminson had been in business in Ramsgate for over fifteen years. He collapsed in his shop and died shortly after admission to hospital.

Lewis.—Information has been received of the death on November 1, 1949, of Mrs. Lilly Lewis, M.P.S., Welling, Kent. Mrs. Lewis qualified in 1932 and was director and superintendent of G. Parker-Lewis & Co., Ltd., 1 Lewis Parade, Upper Wickham Lane, Welling, Kent.

JONES.—At Boston, Lincs, on May 2. Mr. H. Darnley Jones, aged eighty. Mr. Jones was on the staff of the Pharmaceutical Society for thirty-four years fro March 1898 to March 1932. He we chiefly engaged on the maintenance as publication of the register, details of tregistrar's report, and conduct of the Sciety's examinations.

Doig.—At Newcastle Royal Victoria I firmary, on May 25, following an oper tion, Mr. John Allen Doig, M.P.S., ag seventy, Mr. Doig had been manager the pharmacy of Wilkinson & Simpso Ltd., 36 Newgate Street, Newcastle-o Tyne for forty-two years. Nine years at he was made a director of the compan and attended meetings up to within fortnight of his death. Mr. Doig w apprenticed at St. Andrews. He qualifie in 1903 and was one of the oldest member of the local Branch of the Pharmaceutic Society. He was a widower. The funer took place on May 27 at Newcastle Crem torium, his ashes being taken to S Wilkinson & Simpson, Ltd Andrews. was represented at the funeral by Mr. M. Simpson, Ph.C., chairman of the cor pany, and others.

WILLS

MR. F. D. PHILLIPS, The Dingle, Crudale, Rudbaxton, Pembrokes, retired phamacist, left £7,692 (£5,670 net).

MR, F. R. ALDERWICK, Titlarks, Cu dridge, Southampton, formerly chairms and managing director, Herbert Ferryma Ltd., Southampton, left £13,238 (£11,6 net).

MR. J. H. HUGILL, Summers Hotel, Mc ton Crescent, Exmouth, Devon, former chairman and managing director of Me geson & Co., Ltd., left £3,167 (£2,81 net).

Mr. T. R. Jones, M.P.S., 44 Chur Street, Audley, Staffs (in business the since 1942 and formerly a representati in South Wales for Eli Lilly & Co., Ltd left £4 939 (£3,953 net).

Mr. A. Gibson, M.P.S., Bolton Grov Eccleshill, Bradford, and 380 Dudley H Road, Bradford, formerly of Luddend Foot, governing director of G. & F. Wilman, Ltd., Bradford, left £17,61 (£7840 net).

MR. G. F. C. GROSS, M.P.S., 100 Glastone Park Gardens, London, N.W.2, business at 231 Cricklewood Broadwa London, N.W.2, formerly for many year employed by Squire & Co. (Birmingham Ltd., left £7,556 (£5,502 net).

PERSONALITIES

MR. GEORGE A. JERVIE, M.P.S., Aroath, has been appointed president of Arbroath Rotary Club.

MR. A. FENTON TAYLOR, M.P.S., who s been elected chairman of the Isle of



Thanet Branch of Pharmaceutithe cal Society for the second successive year, is manager of the Ramsgate branch of Boots, Apprenticed Ltd. in that branch and at Cliftonville, Mr. Taylor qualified in 1930 after study at University College, He Nottingham.

had subsequent perience at the Weybridge branch of ots, Ltd., and on managerial relief, and is then appointed manager of the comny's Thornton Heath, Surrey, and Norry, London, branches, before being given is present appointment. He represents apployees on the Kent and Canterbury armaceutical Committee, is a member of oadstairs Sailing Club, takes part in the oductions held annually for the Broadairs Dickens Festival, and is treasurer the Ramsgate Arts Society. He has ayed rugby football for his college, hanct Wanderers, and Weybridge R.F.C.,

odge of Freemasons, Ramsgate.

The Royal Society has elected to foreign embership Professors Carl F. Cori and arl Skottsberg. Professor Cori, with his fe Dr. Gerty T. Cori, shared one half the Nobel Prize for Medicine in 1947 nce the early 1920's they have done disaguished work in biochemistry, studying,

d is a member of the St. Lawrence

turn, the carbohydrate balance of simals, enzymes in muscle and liver incerned in glycogen formation and break-own, and, more recently, the action of ormones on enzyme systems. Professor arl Skottsberg has been engaged in rearches on plant life, particularly systemics and plant geography.

MR. C. H. AVERILL, M.P.S., who has sen in business in Lichfield for many ears has retired from the Lichfield city puncil, of which he has been a member twenty-five years. An alderman of the ty, he has been three times mayor, and hile holding that office welcomed to the

city the late Duke of Kent, the Duchess of Gloucester and, in 1942, the King and Queen. He is a retired Justice of the Peace, and before his election to the city council he was a voluntary captain of the Lichfield City Fire Brigade. He toured the world in 1934. Mr. Averill who is seventy-five, is one of the oldest members of the South Staffordshire Hunt.

MR. A. C. Henry is retiring from the managing directorship of Bayer Products Ltd., London, after serving with the company since its formation twenty-seven years ago. Aged over seventy, Mr. Henry has been connected with the drug trade for over fifty years. He was recently re-elected to the Friern Barnet, Middlesex, council.

MR. G. R. A. SHORT, Ph.C., F.L.S., the new chairman of the Hendon and Edgware

of the Branch P h a rm a c eutical Society and president of the local Association, is in charge of the re-search and development of flavours and fruit essences of W. J. Bush & Co., Ltd., London, whom he joined in 1927. Apprenticed to the late Mr. Herbert Dyson, Ph.C., Reading, he at the



School of the Pharmaceutical Society and qualified as a chemist and druggist in 1922. He was awarded the Herbarium silver medal and the practical chemistry bronze medal. Mr. Short passed the Pharmaceutical Chemist examination the following year when he was awarded the Redwood scholarship. During the period 1924-26 he was appointed Ransom Research Fellow and Curator of the Museum of the Pharmaceutical Society. He has published a number of papers on chemical and pharmacognostical subjects, and has been a member of the Pharmaceutical Society's board of examiners since 1934. He was external examiner in pharmacognosy to the University of Wales, 1934-41, and to the University of London, 1946-49. In 1949 he was elected a Fellow of the Linnean Society. Mr. Short is a member of British Pharmaceutical Codex pharmacognosy subcommittee, and of the pharmacopæial essential oil and crude drugs subcommittees.

TRADE NOTES

Scottish Orders Direct.—J. Grossmith & Son, Ltd., ask customers in Scotland to send orders direct to 45 Piccadilly, London, W.I, until further notice, owing to the sudden death of their representative.

Silver Jubilee Booklet.—A booklet "The First Twenty-five Years," just issued by Croda, Ltd., Snaith, Goole, Yorks, tells in twenty-four pages of text and pictures the story of the foundation and development of the company.

New Make-up Tint.—Potter & Moore, Ltd., Lavender House, Seymour Road, Leyton, London, E. 10, announce on another page of this issue the introduction of Allure, a "new flattering flesh tint" of powder-cream.

Northern Ireland Representatives.—R. J. Reuter Co., Ltd., Slough, Bucks, have appointed George Crawford (Belfast), Ltd., 61 Donegall Street, Belfast, to be representatives for 4711 eau de Cologne and cosmetics in Northern Ireland.

Now on Drug Tariff.—T. J. Smith & Nephew, Neptune Works, Hull, point out that paraffin gauze dressing, B.P.C., will be included in the July issue of the Drug Tariff, and that the company's Jelonet paraffin gauze dressing complies in every respect with the B.P.C. specification.

Details of Packs.—A. Wander, Ltd., 42 Upper Grosvenor Street, London, W.I, state that sodium p.a.s. powder is available from the company in 500-gm., I-kilo and 5-kilo packs. The 2-c.c. and 10-c.c. ampoules of Aminacyl 20 per cent, solution are issued in boxes of six and twenty-five ampoules but not in boxes of three.

New Pack.—Carr's Flour Mills, Ltd., Carlisle, now supply their C.V.B. (Carr's vitamin B) in a new popular-sized pack in addition to the standard pack. Trade prices appear in the company's announcement on another page. The product is now sent out in free non-returnable cases of one doz. or two doz. instead of the former returnable two-doz. case.

Insecticides as Poisons.—The Association of British Insecticide Manufacturers, 166 Piccadilly, London, W.1, has prepared a chart setting out the provisions of the Pharmacy and Poisons Act, 1933, so far as they affect the sales of insecticides, fungicides, weed-killers, rodenticides, etc. Copies of the chart are obtainable from the Association, price one shilling each, cash with order,

A New Rouge.—Goya, Ltd., 161 Ne Bond Street, London, W.1, have introduce a cream rouge that is "smooth-as-silk and which harmonises perfectly wibeauty base applied before powderin Goya cream rouge is available in threshades: Candy Pink (to wear with Goy Pink, Candy Pink and Seventeen listicks); Basque (to wear with Capri ar Basque lipsticks); and Cherry (to wear with Cherry, Petunia and Mantilla listicks).

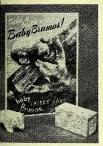
Price Changes.—ALLEN & HANBURY: LTD., Bethnal Green, London, E.2, and TH BRITISH DRUG HOUSES, LTD., Grahan Street, City Road, London, N. I, announc on another page, changes effective from June I, in the prices of insulin A.B.—BOOTS PURE DRUG CO., LTD., Nottingham announce increases from June I in the prices of all varieties of insulin.—TH BRITISH DRUG HOUSES, LTD., Graham Street, City Road, London, N.I., announce a reduction in the trade price of Beac suntan cream, which remains subject to the usual bonus terms.

A Special Veterinary Variety.—Crooke Laboratories Ltd., Park Royal, Londor N.W.10, point out that they issue two preparations of Collotone—one for huma and the other for veterinary purposes. The are concerned at having found on severa occasions recently that when prescription for Collotone have been made by veterinar surgeons the preparation for human us has been dispensed. As the nux vomic content of the human preparation is much higher than that of the veterinary preparation, it is important that the latter shoulinvariably be dispensed against prescriptions from veterinary surgeons.

A New Penicillin Preparation.—Glax-Laboratories, Ltd., Greenford, Middlesex announce the introduction of Seclopen, new form of combined penicillin injection It is a dry sterile powder containing pro caine penicillin-G, 300,000 units and crys talline sodium penicillin-G, 100,000 unit and requiring only the addition of sterile water or physiological saline for injection Seclopen is packed in one-dose and five dose vials to permit withdrawal of the ful dose when the correct quantity of liquid is added. It thus affords a considerable ad vantage over the earlier procaine penicillir oily suspensions, which require especial care in manipulation. From a single injection of 1 c.c. suspension of Seclopen, penicillin

rapidly released into the blood stream nd the tissues. The peak level is reached on after injection; after that has passed, lower level of antibacterial action is susained for twenty hours upwards. Secloen is thus an effective form of penicillin dministration with a wide application. he procaine, 120 mgm. per c.c., is chemially combined with penicillin. The dry owder contains 32 per cent. of procaine, nd the product is thus in Schedule 1 of the Poisons Rules. The doses of procaine enicillin and of crystalline penicillin per c, are the same as in the combined penillin-G oily injection issued by Messrs. Haxo as Prolopen.

Brumas in Soap.—Cullingfords of Chelea (F. R. Cullingford, Ltd.), Munro Terrace, Cheyne Walk,



Chelsea, S.W.10 (distributors, Castle Soaps of Cambridge, Ltd., Webber Road, Kirkby Trading Estate, nr. Liverpool, Lancs), have added to their range of soaps a model in pure white lanolin soap of Brumas, the baby polar bear. The soap is a

iper-fatted non-irritant 3-oz. tablet with "flaked" surface to give the apearance of fur. Baby Brumas toilet pap is available in a blue carton or boys and a pink carton for girls. oint of sale showcards are available. booklet, obtainable from the distriutors, gives trade terms and preliminary etails of a window display competition. howcards are available. So are giant nlargements and 10 in. x 8 in. photorabls.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).

-H. R. Napp, Ltd., Minacedin tablets, o's, 40s. 6d. doz., tax 33\frac{1}{3} per cent., inlusive retail price 5s. 8d.; 100's, 189s. oz., tax 33\frac{1}{3} per cent., i.r.p. 26s. 3d.; 00's, 73s. 1\frac{1}{2}d. each, tax 33\frac{1}{3} per cent., r.p. 121s. 11d.

Alterations to Protected List (Part.).—Glaxo Laboratories, Ltd., Glucodin, -lb., 21s. doz., 2s. 4d. (exempt). 3-lb. size withdrawn.

Alterations to Protected List (Part 2). -County Perfumery Co., Ltd., Revised prices and terms in Great Britain and Northern Ireland, June 1:-Brylcreem, tub, A477, 9s. 7d. doz., tax 100 per cent., i.r.p. 1s. 10½d.; A478, 17s. 10d. doz., tax 100 per cent., i.r.p. 3s. 6d. Jar, A476, 9s. 7d. doz. tax 100 per cent., i.r.p. 1s. 101d. Tube, A299, 10s. doz., tax 100 per cent., i.r.p. 1s. 112d. Display parcel terms, orders above £4 10s. net, but below £8 10s. net, A477, 9s. 1d. doz.; A478, 16s. 11d. doz.; A476, 9s. 1d. doz.; A299, 9s. 5d. doz. Orders value £8 10s. net and upwards, A477, 8s. 7d. doz.; A478, 16s. doz.; A476, 8s. 7d. doz.; A299, 8s. 11d. doz. Other toilet preparations: Brylfoam, tube, F501, 5s. 8d. doz., tax 331 per cent., i.r.p. 9½d.; F502, 13s. doz., tax 33½ per cent., i.r.p. 1s. 10d.; Hiltone bleach, H24, 29s. 9d. doz.; tax 100 per cent., i.r.p. 5s. 10d.; Brylshave, jar, S1, 12s. 6d. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 9d.; tube, S2, 12s. 6d. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s. 9d.; S3, 9s. 3d. doz., tax 33 per cent., i.r.p. 1s. $3\frac{1}{2}$ d.; Nicota tooth-paste, N2, 7s. doz., tax 33\frac{1}{3} per cent., i.r.p. 1s.; Rowlands macassar oil (R1-3), 32s 6d. doz., tax 100 per cent., i.r.p. 6s. 3d. Display parcel terms: Orders above £2 10s, but below £4 10s. net, F_{501} , f_{5s} . 4d. f_{5s} . F502, 128. 4d. doz., H24, 28s. doz.; S1 and 2, 11s. 10d. doz., S3, 8s. 8d. doz.; N2, 6s. 6d. doz., R1-3, 31s. doz. Orders value £4 10s. and over, F501, 5s. 1d. doz.; F502, 11s. 8d. doz.; H24, 26s. 6d. doz.; S1 and 2, 11s. 2d. doz.; S3, 8s. 2d. doz.; N2, 6s. 3d. doz.; R1-3, 29s. 6d. doz.



£50 PRIZE.—Mr. E. L. H. Cosby (chairman and managing director, G. B. Kent & Sons, Ltd.) presenting cheque for £50 to retailer who sold the Allure hairbrush to the winning competitor in the company's recent competition (first prize in which was a free trip to New York and back).



The chairman with the principal guests. Seated: The lady mayoress and lord mayor of Cork (Mrs. and M Sean MacCarthy, T.D.), Messrs. T. C. Scott (president, Pharmaceutical Society of Ireland), John O'Reg (chairman of the Guild), Mrs. J. G. Coleman. Standing (first row): Messrs. J. O'Neill, D. O'Leary, C. I O'Shea and R. Daly (members of Council, Pharmaceutical Society of Ireland), David Woulfe (presiden Irish Drug Association); (second row): Mr. W. G. W. Fox, Dr. John C. Dowling, Messrs. T. O'Hank (secretary of the Guild), James G. Coleman (registrar of the Society), and Dr. R. A. MacCarth

CORK GUILD'S ANNUAL DINNER

CORK Branch of the Guild of Pharmacy held its annual dinner on May 11. Among the guests were the lord mayor and lady mayoress of Cork, Messrs T. C. Scott (president, Pharmaceutical Society of Ireland), D. Woulfe (president, Irish Drug Association), James G. Coleman (registrar of the Society) and Mrs. Coleman, Dr. J. C. Dowling, Mr. H. G. Smith, Dr. R. A. MacCarthy and Mrs. MacCarthy, Dr. J. C. Aherne, Messrs. F. Crowley, T. O'Gorman, and F. Gannon (chairman, Pharmaceutical

Students Association). The social committee which organised the dinner comprise Messrs. T. Lyons (chairman), W. G. Foo T. O'Hanlon, D. O'Leary, J. O'Neill, th Misses B. Donovan, D. Good, P. Murphy and N. T. Murray.

and N. T. Murray.

MR. W. HARRINGTON (treasurer of the Branch) proposing the toast "Our City said that pharmacists numerically migh not be large, but they were an important section in the life of Cork. The Lord Mayor, in responding, congratulated the



Lady medallists with the chairman and Dr. Aherne. Left to right, Mr. J. O'Regan, Miss Mary Ita Murphy, Miss Helena Eastwick, and Dr. J. C. Aherne.



Social Committee, organisers of the function. Mr Thomas Lyons (chairman of the committee) is to be seen in the centre of the front row.



prentices and assistants in pharmacy in Cork with . Frank Gannon (chairman, Pharmaceutical Stunts' Association) in centre of front row.



Trade representatives: Messrs. T. P. Gately, Kevin Daly, F. H. Steele, Mrs. J. Meehan, T. J. Lynch, Messrs. R. W. Thornton, J. J. Goti and J. Burdett.

uild on having an organisation in which mployers and employees could meet to iscuss their problems in amity. The toast The Guild of Pharmacy" was proposed y Mr. Liam Johnson (secretary of the ranch) and Mr. W. G. Fox supported. Ir. Fox expressed the hope that the Guild lea in pharmacy would one day be copied Dublin. Responding to the toast "Our uests," proposed by Mr. R. Daly, the

RESIDENT said that many distinguished harmacists had come from Cork, several aving filled the office of president of the ociety. He had been intrigued at the umber of Scottish pharmacists who had ome to Ireland at the end of the last and beginning of the present centuries, and had discovered that practically all had come in the first instance as assistants at one of the oldest pharmacies in the South. That incursion had proved most beneficial, because they brought with them a high tradition of practice and training which had made itself felt that day.

At the close of the dinner, Guild's medals were presented to the following students who had obtained distinction in their pharmaceutical courses at the Crawford Technical Institute: - Mary I. Murphy, chemistry and botany; Helena Eastwick, materia medica and chemistry (second year); Dermot Drummy, pharmacy.

N.H.S. IN LONDON

DRAFT report of the London Executive ouncil for the year ended March 31 nows that there were 1,005 chemists and ontractors on the list at April 1. Rotas 1 operation numbered 104, involving 454 hemists. In addition, 386 chemists volntarily remained open until 7 p.m. or iter, and four establishments provided a ay-and-night service. The average cost er prescription in August 1949 (the latest gure available) was 38.45d, compared vith 26.7d. in August 1948. 345 prescripions were referred to the Council by the ricing Bureau for items classed as "not The cost of 175 was recovered rom the practitioner with his consent, and further twenty-eight upon the decision of the local medical Committee; fortyeven were allowed.

Deductions from payments made to hemists towards the expenses of the Pharnaceutical Committee amounted $\mathfrak{e}_{3,824}$, of which £1,844 remained to be ecovered. The scheme for testing drugs

and appliances provided for a total of 625 tests during the year. Analysts' certificates passed as satisfactory numbered 416. Decisions on cases referred to the Committee were as follows: -- Censure and deduction of money, 21; caution and deduction of money, 10; censure, 2; caution, 31; verdict of breach of terms, 4; no further action, 13. 120 reports were awaited from analysts (action not yet determined)

and eight were awaiting consideration.

The average number of persons on doctors' lists was 3,213,538 and the cost of the pharmaceutical services was £2.562,679, out of a total of £12,028,884. Administration cost was less than I per cent.

The report adds that the average cost per person (16s.) will probably be higher than for most parts of the country because "hundreds of thousands of people who live outside make use of the services of London practitioners and many expensive appliances are supplied by firms with headquarters in London."

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L. CLIII

JUNE 3, 1950

No. 3667

Resistance to Streptomycin

REPORT just published ("British Medi-Journal," 1950.I.1224-30) by the Strepnycin in Tuberculosis Committee of the edical Research Council on experiments dertaken to investigate a possible method overcoming the development of resistce of the tubercle bacilli to streptomyis useful if only for its negative evince. Pyle, a worker at the Mayo Clinic, S.A., showed in 1947 that in the abce of streptomycin the proportion of eptomycin-resistant bacilli in cases of perculosis did not seem to increase—an servation that suggested to the Medical search Council workers that, in the abce of streptomycin, the resistant bacilli ght be at a disadavantage and might refore tend to die out during intermisns in treatment. For that reason tests re made on tuberculous patients using ermittent dosages. Thegroups cients were treated respectively with 0.5 . streptomycin, six-hourly, in alternate eks or in alternate months; in addition, control group was given 0.25 gm. sixarly, without intermission, and a fourth up a single dose of 1 gm. daily withintermission. That rhythm of dosage s continued for six months, and the rets of the individual groups compared. fortunately the intermittent dosage ved to be "ineffective in avoiding or aying the emergence of drug-resistant ins of tubercle bacilli." That may an that replacement of the streptomy--sensitive bacterial population by a ptomycin-resistant population continues

during intermissions in treatment, and that small quantities of streptomycin persist in the body for many weeks after treatment has ceased. While some other scheme of intermittent treatment such as dosing every other day (as has already been suggested) might be more effective, it is thought that, in view of the success of combined streptomycin and para-amino salicylic acid in reducing streptomycin resistance, streptomycin alone may not now be tried. Another argument against intermittent treatment is the impression gained by the authors that some cases deteriorate during rest periods. They conclude that 1 gm, of streptomycin daily in a single injection is the most satisfactory way of giving the drug in pulmonary tuberculosis.

Exports in April

Exports of chemicals, drugs, dyes, etc., in April were valued at £7,128,752, a decline of £1,145,638 on the peak total of the previous month. April, however, was a shorter month than March, and contained the Easter holiday (the value for chemical exports in April 1949 £6,891,439). Exports of manufactured medicines also fell, totalling £1,371,756 in April against £1,726,491 in March and £1,583,847 in April 1949. Exported proprietary medicines at a value of £325,784, were about £74,000 down on the previous month, and over £150,000 down on the corresponding period in 1949. The fall in exports of proprietary medicines is largely accounted for by the reduced shipments to India-in April, exports to that market totalled £24,924 against £127,667 in the corresponding month a year ago. Aspirin exports to all markets were valued at £44,334 (April 1949, £32,164); insulin (£26,716);£20,745 penicillin £157,994 (£215,979); and ointments and strains of tubercle bacilli." That may value of quinine alkaloid and salts exports declined to £11,221 (£29,248). trade in disinfectants, insecticides, weedkillers, sheep and cattle dips, etc., totalled £267,217 (£296,949).

Perfumery and Toilet Preparations

Exports of perfumery and toilet preparations (excluding perfumed spirits, essential oils and soap) fell from £367,913 in March to £259,352 in April. In April 1949 exports of perfumery preparations were valued at £385,477; the decline on the year can be attributed to the closing of two important markets, India and South Africa. Exports of tooth pastes, dental and denture preparations, etc., were valued at £66,645 (April 1949, £54,759), while cosmetics totalled £95,567 (£172,524). Shipments of essential oils dispatched in April were valued at £37,995 (£40,701) and of perfumed spirits, £45,528 (£49,773). Toilet soap exports were valued at £124,012 (£220,783). Shipments of toilet brushes overseas were a little lower: tooth denture brushes were valued at £17,691 (£22,988); and hair and shaving brushes, etc., at £28,612 (£30,634). Exports of powder bowls, compacts, puffs, etc., however, were higher and reached a total value of £15,668 (£13,328).

In surgical and medical dressings, the value of exports of cotton bandages was £31,244 (April 1948, £20,512); cotton wools and gauze tissues, £34,053 (£37,996); and other cotton dressings, £53,524 (£62,346). Adhesive bandages, plasters, etc., were valued at £50,218 (£46,051) and other druggists' wares at

£60,444 (£70,721).

Australian Chemists Fight

Australian Federal Minister for Health has proposed a new Health Scheme under which persons earning £A572 a year or less would get their medical benefits through friendly societies, the Government reimbursing the societies with the cost of the supplies. The Pharmaceutical Guild of Australia (an association of proprietor chemists) is opposing the scheme, which it considers would increase the membership of the societies from 600,000 to 3 millions (out of a national population of 8 millions). The Guild claims that retail chemists would thus be forced to accept millions of patients on a capitation basis, or shut up shop. The Australian Branch of the British Medical Association is supporting the Guild in opposing a salaried service or payment by capitation fees. The Guild has asked for assurances that the public shall be free to choose its chemists, that all prescriptions shall be dispensed by pharmacists, that fair payments shall be made for pharmaceutical services, and that position of the traditional "family" chε ist shall not be jeopardised.

The Federal Council of the Gu has agreed, however, to support a natio health scheme based on refunds from tation. Such a scheme, the Council clair would give the public adequate hea benefits without bringing about dominati by friendly societies and kindred bodi Under the proposed new scheme, a Council has decided, the medical and ph maceutical professions could find comm ground for participating in national hea benefits. The Minister has indicated there is "some merit" in the propos that medical benefits should be paid I by taxation refund. He has also stat that, whatever new scheme is adopted, cannot be introduced before the end of t present Parliamentary session.

The Council has declared that it we support any effective medical beneficiated beneficially scheme provided it does not promote the expansion of friendly societies and similar bodies, or expose pharmacists to "unfi-

competition."

High Prices for Rubber

RUBBER prices in London, higher th they have been for twenty years, are no exceeding the 2s, per lb, level. The mark is officially described as strong and, wi offers scarce, there is no reason to suppo that prices will be any lower than the paid for some weeks. Apart from the hea demand for natural rubber there is risi cost of production to take into consider tion. Although this is now more than thr times pre-war cost, the average price rubber in terms of Malayan curren throughout 1949 was less than 25 per cer above the 1939 level of prices. Furth factors making for higher prices for rubb are the increased costs of transport at freight. To what extent prices of rubb hot water bottles and air cushions, rubb tubing and sheeting, and rubber adhesi plasters will be affected is not known. will vary according to the amount of ne rubber incorporated compared with the proportion of reclaimed rubber use However, if any increases do occur in the near future as a result of the higher co of rubber, they are not expected to be grea

PLASTIC SKELETONS IN ANATOMY TRAINING

OR many years now students of anatomy have been handicapped by - an almost total dearth of reliable sual aids. Skeletons and parts of the

man bone structure ve always been diffi-It to come by, and ce the war the ficulties have subntially increased, to disadvantage of Today, student. inks to the persisice of the plastics lustry and the exriments by high dical authority, the ortages of skeletons ve become of minor portance, since for instructional purses plastic bones ve replaced both l bones and syntic bones of other terials. Every secn of the skeleton is available in stic — from the nplete. articulated 5 - bone skeleton wn to the smallest

nes required for special study and estigation.

Medical men are agreed that there are examples of what may be termed a fect skeleton. When a perfect or nearfect body is discovered, the possibility acquring the skeleton after death is note. The "bones" now being marketed m plastic mouldings are claimed to be nearest possible approach to perfection, since in making the individual moulds the best samples of human bones have been used.

Educational establishments have hither-

to had to rest content with such limited specimens of human bones as it was possible to obtain. Students requiring to specialise on particular structures have had to do their own sorting through the collections of specialist stockists. Buyers had little range of choice, and it has always been a question of taking what was available hoping against and deformity. Institutions which needed could afford a complete skeleton needed to wait up to two years, and then to observe a strict rotation. Prices, too, have been high; and the individual student has

been compelled to do without impedimenta he would much like to own, and to share with co-students just what has happened to be available at the centres of instruction. That unfortunate situation has now changed. Any section of the human skeleton may now be obtained, from the complete "Jimmy" down to the smallest component. Plastic bones are usually less brittle than the real thing, and are unquestionably able to stand up to

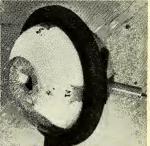


Skull, moulded in an acrylic-based polymer





Mandible



nd, completely articulated pright photographs, Westminster Hospital (department of medical photography) and "British Plastics."

greater handling than plaster of paris. They can be coloured as desired, and the colouring removed at will. They have substantially reduced current market values

and there is no waiting list.

Although the demand for complete skeletons is considerable, both in this country and abroad (where the deficiency is equally acute), equal interest is being shown in the smaller formations, some of which are illustrated. Midwifery instruction is being aided by the use of the complete female pelvis and fœtal skull model. Study of the foot is assisted by the availability of the completely articulated member. Plastics development has not been confined solely to matters of osteology. A tutorial "eye" has been developed. Represented by two hemispheres which correspond to the anterior and posterior halves, it is mounted on a stand, the base of which carries a meridional view of the eye superimposed

on a corresponding and fully annouse of the anatomy of the eyeball. It distribution, vascular supply, and maked in the appropriate anatomical colours, and study of the terior and exterior structures is facility by opening the model along the central structures section.

Home and Overseas Appreciation

The development is undoubtedly a siderable step forward along lines of student of medicine has desired. To lindividual sections of the human ske within easy reach of the individual pois a step to be applauded, and Mr. T Fazakerley (Education and Scientific tics, Ltd., Croydon), who, with his me advisers, has been largely responsible achieving it, fully deserves the appration which is being shown by user home and in many overseas countries

RECENT RESEARCH

Scanning Device for Paper Chromatograms Using P³².—Boursnell ("Nature" 1950, 165, 399) describes an apparatus for measuring quantitatively by counting the distribution of radioactivity on filterpaper chromatograms. It has been designed specifically for measuring amounts of radioactive phosphorus in phosphate esters.

Hormones in Urine.—Zaffaroni, Burton and Keutman ("Science," 1950, 111, 6-8), from the paper partition chromatography of ether extracts of acidified human urine, find the presence of Kendall's compound E (cortisone) and 17-hydroxycorticosterone "strongly indicated." No other cortical hormone was detected in appreciable amounts.

Synthetic Resin as Decolouriser.—Abrams and Dickenson ("Industrial and Engineering Chemistry," 1949, 41, 2521-23) describe a new type of adsorptive resin which effectively removes colour from crude sugar solutions without influencing their pH. Synthetic ion-exchange resins are being increasingly used for this purpose, and the author's experience is that colour removal is more effective on the anion than on the resinous-type cation exchanger.

Remote Dispensing of Radioisotopes.— A remote pipetting apparatus (assembled from materials normally available in the laboratory) for the dispensing of "hot" radioisotope solutions is described by Tubis and Libby ("Science," 1949, 110, 431). A manometer, which can be plat any desired distance from radioactive source, is used to measure delivered volume. In accuracy the met compares favourably with hand pipet from calibrated pipettes.

Properties of Lachrymal Fluid.—I and Goyan ("Journal of the Amer Pharmaceutical Association, Scientific Ition," 1949, 38, 477-79) find the properties of the

Terramycin Compared With Aur mycin.—While terramycin and aureomy are found by Welch and others ("Jour of the American Pharmaceutical Assotion, 39, 4, 185) to be similar at bacterial spectrum (though there are strathat react more readily to each), the showed a difference in one important spect. When the oral dose was increase beyond 0.25 gm., the blood concentrate of terramycin showed a marked and progressive increase. Aureomycin failed show the increase. Terramycin was fout to be readily absorbed from the gastintestinal tract.

PATENT LAW ALTERATIONS

NDER the Patents Act, 1949, the position d rights of persons who may purchase ventions has undergone considerable ange. Now such persons may apply for patent, either alone or jointly with other person. Prior to the introduction of 1949 Act, the true and first inventor s required to make the application for patent registration. The new procedure, wever, requires the inventor to sign a claration that he consents to the applican being made. If the inventor makes plication and then makes an assignment, assignee can take over the application. some cases when the "complete ecification" is delivered a declaration to the inventorship may have to be nished.

nger Period of Operation

New provisions will in practice give longer period for the operation of the ent (ordinarily the life is sixteen years, t it may be extended), as the patent now es from the date of the filing of the omplete specification" (this need not e place until twelve months-in some es fifteen months—after the application e). Previously the patent dated from e of application; a "provisional specifiion" however accompanies the applica-1, and if there is a question of priority ween parties (possibly thinking alike) date of presenting this will apply. is new dating procedure also means t the increases in the fees which apply time advances will not apply as viously.

Objections of course could always be ered against the granting of a patent, l additional grounds for objection have n introduced by the Act. Objections be made on the grounds that the ention was used before the date of prity claimed; that the invention is ious and does not involve any invenstep having regard to what was wn or used before the priority date the claim; and that the subject of the m of the "complete specification" is an invention within the meaning of Act. The definition of the term wention" has been altered so that now means "any manner of new manufac-, and any new method or process of ing applicable to the improvement or trol of manufacture, and includes an

ged invention." As regards extensions

of a patent beyond the ordinary term of sixteen years, these may be obtained if it is proved that the patentee has been inadequately rewarded by his patent, and also where the war has prevented the patent being properly worked, this being known as the "war losses" rule. The new Act now provides that the fact that extensions have been obtained under the "war losses" rule does not prevent the ordinary rule applying for an extension. Another addition is that a sole licence holder can now apply for extensions of a patent under the "war losses" rule, the same as the patentee.

When a patent is granted it should be "sealed" (that is sealed with the seal of the Patents Office) or it has no legal effect, but a request for "sealing" must be made within the time allowed, which is ordinarily twenty-one months from date of application for a patent (in special cases a longer period may be allowed). Now even though these time limits have passed, the Comptroller can order the patent to be sealed, provided a request is made within six months after the periods of grace, if it is proved that the failure to apply for sealing was unintentional.

Licences of Right

A patentee of course can grant licences to work the invention to other persons, but he can, if he chooses, ask the Comptroller to endorse the patent "Licences of Right" which really means invitation to anyone to take out a licence. The terms are arranged between the patentee and the applicant for a licence but the Comptroller can settle these if the parties themselves cannot agree to terms. By adopting this procedure for all licences, the renewal fees payable are half the ordinary fees. Formerly the Comptroller was required to advertise the fact where an endorsement was requested in the Official Journal (Patents). Now this is not required, but the Comptroller must notify any person shown in the Register as having an interest in the patent. Objections can be made to this "Licences of Right" procedure and if an objection is sustained and the endorsement subsequently cancelled the liabilities of the patentee revert to what they were before the endorsement and the fees payable become the ordinary fees. Provision is made for an adjustment of the terms, if

a licence has been granted before an endorsement, if wanted by the patentee or the licence holder.

Abuse of Monopoly Rights

Provision against the abuse of monopoly rights under the grant of a patent have been amplified by the 1949 Act. The position is that after three years from the date of sealing, any interested person can apply to the Comptroller for a licence, or for the patent to be endorsed "Licences of Right" if aggrieved on various grounds, and if the Comptroller is satisfied that the complaint is justified he can make an Order in accordance with the application. The grounds upon which such an Order can be applied for are now: that the patent is not being commercially worked or worked to the fullest extent in the United Kingdom; that the working of the invention is being hindered or prevented by the importation of the patented article; that the manufacture use or sale of material not under the patent is unfairly prejudiced by conditions, etc., imposed by the patentee on grant of licences; and that the demand for the patented article in the United Kingdom is not being met on reasonable terms or is being met to a substantial extent by importation. Other grounds are that by reason of the refusal of the patentee to grant a licence(s) an export market is neglected; the working of any other patented invention which may have associative relationship to what may be termed the master patent is hindered or prevented; or the establishment or development of commercial or industrial activities in the U.K. is unfairly prejudiced.

Medicines and Patent Law

The following point in connection with patents in respect of a substance (or a process for producing such a substance) capable of being used as medicine, or any invention capable of being used as or as part of a surgical or curative device (it applies also in connection with inventions relating to food) should be noted. The Comptroller on application being made to him by any person interested can order the grant of a licence to the applicant on such terms as he thinks fit, unless he considers there are good reasons for refusing the application. In settling the terms under this provision, the 1949 Act provides that the Comptroller must

endeavour to secure that the goods mi be available to the public at the lowterms consistent with the patente deriving reasonable advantage from the patent rights. Under the former Acts, f substances produced by chemical process (or intended for food or medicine) clair could not be made in the comple specification for the substance itself, clair being only allowable when limited particular processes of manufacture. No a claim for a substance in a comple specification shall not be invalidated l reason only that it is not limited to the substance when produced by specific methods or processes of manufactur notwithstanding that the substance is substance prepared or produced 1 chemical processes or intended for for or medicine. But a claim for a ne substance would not be construed as e tending to that substance when found nature. It should be noted that the Com troller can refuse an application for patent, where it claims as an inventic a substance capable of being used as for or medicine which is a mixture of know ingredients.

FIFTY YEARS AGO

A Sale of Laudanum

(From the C. & D., June 2, 1900)

AT the Sheriff Court, Linlithgow, o Friday, May 25, before Sheriff Macleo Kate Robertson, assistant in the shop o Dr. Scott, Broxburn, was charged, at th instance of the Pharmaceutical Society of Great Britain, with having sold to Josep Tait, Edinburgh, a quantity of laudanum in contravention of the Sale of Poisor Act. . . . Dr. Scott said he had take over this business about eight months ago Miss Robertson was an apprentice of his and he also had in the shop an unqualifie chemist. He and his medical assistan supervised the shop and were looking ou and in now and then. It was not fror economic principles that he had no quali fied assistant in the shop, as he was pay ing wages quite sufficient to have obtained the services of a qualified chemist. Bu considering that he only took possession eight months ago, his Lordship would see that to have dismissed the assistants in the shop would have been misunderstood by the public and injured his position as a doctor in the town. He was helping his assistants to qualify. . . . When this poisor was got his unqualified chemist was out.

BRANCH REPRESENTATIVES MEETING

[Concluded from The Chemist and Druggist, May 27, p. 676]

HE principal matters dealt with in the mainder of the Branch Representatives neeting on May 18 concerned the National lealth Service, education, ethics and the ociety's publications.

harmacists and N.H.S.

A motion advanced in the name of East etropolitan Branch dealt with pharma-utical responsibility under the National ealth Service. The motion, which was rried without discussion, was:-

That it is the opinion of this meeting that the Society should continue its efforts to secure that the pharmacist in control of each Dispensing Unit should be the responsible person with regard to the National Health Service.

A resolution put forward by West Glaorgan, and moved by MR. W. M. HOMAS, was in the following terms:-

(2) That it is the opinion of this meeting that the pharmacist responsible for the dispensing for the National Health Service in any pharmacy should be, in every case, a contractor to the Local Executive Council.

Mr. Thomas said that the Council ould draw all sections of pharmacy tother and give a real lead. Mr. G. T. M. AVID, supporting, said that the word contractor" had been inserted deliberely, as the Branch wanted employees presented on the Whitley Council.

MR. T. GOULD, Tees-side, argued that e public would not thereby be better otected, nor the employee guaranteed Authority, in fact, would be

vorced from responsibility.

The motion was lost. Fair play for emoyees was what MR. W. S. BENJAMIN ught in moving a resolution on behalf of

oking Branch, as follows:

(1) That in the opinion of this meeting the proposal that in the investigation, etc., of pharmaceutical services complaints, employee pharmacists shall, in certain circumstances, have the right of appearance before the appropriate National Health Service body, is not in the interests of the profession, since it is not a step towards the proper recognition under the Na-tional Health Service Act of pharmacists regardless of their economic status.

A point conceded by the Minister of ealth in response to representations by lr. Linstead would be prejudicial, said IR. BENJAMIN, to the status of pharmasts. As things stood previously, it was ot up to the N.H.S. authorities to pass idgment on what a pharmacist had done

as a pharmacist. The new arrangement would result in the virtual compulsion on an employee to appear before the appropriate N.H.S. body.

MR. HUGH N. LINSTEAD, M.P., claimed that the mover had misunderstood the purpose of the regulation. The original proposal had been that the individual pharmacist should be a co-contractor, but the difficulty raised by the Minister had been that there was no means of applying sanctions against an employee, because he received no money from the Government. At present, an employer could put the complete blame for any shortcoming on his employee, without knowledge of the employee. To prevent that possibility, a quite useful arrangement had been conceded: that the employee could appear before a tribunal if he wished.

Mr. Benjamin, replying, said that if the Minister could get over the sanction difficulty for opticians he could do the same for pharmacists. Moreover, a contractor must at present accept entire responsibility under the contract, and an Executive Council should refuse to accept any statement the effect of which was to pass blame

on to an employee.

The motion had been supported by MR. DAVID, West Glamorgan, and Mr. HAR-RIS, Southport, but opposed by MR. TUR-NER, North Staffs. The motion was rejected by vote of the meeting.

Ethics and Premises Registration

The keenest controversy was introduced by Liverpool Branch in a motion

That it is the opinion of this meeting that the Pharmaceutical Society should take steps to obtain jurisdiction over the registration of new premises as pharmacies, and that no such premises should be registered, without reference to the local Branch.

Mr. J. P. Murphy, in moving it, said he wished to make clear that the jurisdiction proposed was a very limited one. His Branch did not seek limitation of pharmacies, but to prevent flagrant breaches of professional conduct which could be prevented by the application of a little local knowledge.

Nevertheless, other Branches saw in the proposal some such risk, MR, D, G, ARD-LEY, Romford, said it was altogether too sweeping and contained no safeguard for individual, Mr. A. Greenwood, Blackpool, said that the Society's inspectors were quite capable of dealing with abuses of the code of ethics, and Mr. H. Long, Bristol, said the price they were asked to pay for the proposed safeguard was too big.

MR. W. C. CARMICHAEL, Glasgow, asked whether the motion applied to existing pharmacies or new owners. Frequently there was no local knowledge of the people

opening new businesses.

MR. H. C. SHAW intervened to point out that the Council had been advised that new legislation would be needed to give effect to the proposal, but that that need not prevent the Council from applying for sanction if the meeting so decided.

The mover was refused leave by the meeting to withdraw the motion, but on the suggestion of Mr. J. Smith, Aberdeen, he was given leave to refer it to the Council for consideration and report. On that understanding it was not voted

upon.

Woking Branch sought a requirement that occupiers of premises should give an undertaking, prior to registration, that they would observe the provisions of the Statement upon Matters of Professional Conduct. Reading Branch sought to have the Statement included in the syllabus for students, and put their views in the form of an amendment. On the understanding that it would be considered by the Council the amendment was, by leave, withdrawn, and the original motion was carried, after THE PRESIDENT had pointed out that legislation would be required to give effect to it.

East Metropolitan Branch called for a Branch Organisation and Liaison Officer to arouse inactive Branches to their responsibilities and to provide opportunities for neighbouring Branches to co-ordinate their activities. No support was forthcoming from other branches and the mo-

tion was lost.

Publications

MR. E. ROBINSON, Bradford, entertainingly but rather beyond his allotted time, criticised the Society's journal, and the Branch resolution on the subject, which in general terms called for improvement, was carried. Eastbourne Branch wanted alterations in the laws affecting pharmacy to be notified direct at registered premises and not through the Society's journal, but it was pointed out that members who failed to read their journal would probably fail

to read any other communication on subject, and the motion was lost.

Huddersfield Branch demanded fureports on Council meetings and especial details of how members voted. The stion was carried.

Education

A demand for refresher courses put I ward by North Metropolitan Branch is carried against the single protesting vo of Mr. T. HARRIS, Southport, who argit that there was no short cut to knowled THE PRESIDENT indicated that little I been done about a 1948 resolution on subject, but that the Council would able to make a move "quite soon."

Plymouth Branch put forward the f

lowing resolution:-

That it is the opinion of this meeting t in educational matters it is the duty of Council to concern itself only with teach courses designed for the acquisition of the ciety's own diplomas.

The Branch, said MR. A. G. M. MADE proposing, was perturbed at the eductional policy of the Council, which we resulting in a shortage of pharmacists, the Society failed in replacement of mei bers, pressure from so-called "technicians could not be resisted. Recognition f purposes of the two-year course had no been granted to Plymouth or Bristol at that meant that students from the We might have to go 300 miles for training.

Mr. R. McCrone, Glasgow, pointed of that the resolution already embodied the Council's policy. The only point made le Plymouth concerned the locus of training

courses.

After MR. SHAW had informed the mover that there was no discriminate against any technical college, provided the necessary conditions were complied with and that the colleges at Plymouth and Bristol were still under consideration, the

motion was rejected.

There was no opposition to a resolutio from Reading Branch that the remuneration of pharmacists should be more closel related to that of other professions, bustrong opposition from hospital pharmacists against N.H.S. prescriptions for hospital out-patients being written on pink E.C. 10 forms so that the patient should have free choice of dispensing service. I was nevertheless carried.

Sheffield Branch carried through withou opposition a motion calling for early publication of the Council's man-power report

ONFERENCE ON INVISIBLE RAY PHOTOGRAPHY

N all-day conference on photography and nematography by invisible radiation was ganised in London recently by the Scienfic Film Association in conjunction with the scientific and technical group, Royal hotographic Society. Mr. H. Baines, Sc., F.R.I.C., Hon. F.R.P.S., presided, d papers were read on various aspects ultra-violet, infra-red and x-ray photobout the Invisible," by Dr. R. Barer Jniversity Museum, Oxford), said that invisible" objects could be illuminated radiation to which the eye was sensitive ransparent objects were an example), by diation to which the eye was insensitive .g., ultra-violet or infra-red) or by both nd therefore partly visible, partly insible). Methods of imparting visibility "invisible" objects under the microope included new developments such as ase-contrast and the use of the infrad "image converter."

Itra-violet Micrography

Dr. E. Rowe (Royal Cancer Hospital) scussed the observation by ultra-violet icrography of fresh unfixed tissue and the separated tumour agent from the ous fowl sarcoma, illustrating her observators with a film, while Messrs. H. Davies d P. M. B. Walker (biophysics research it, King's College, London), described paratus they had devised for the ultra-olet microscopy of living material. Important subjects dealt with at the termoon session included cineradiography

ternoon session included cineradiography id thermography. In cineradiography, cine camera is directed on to a fluoresnt screen of the type normally used for agnostic x-ray work by inspection. Imovements in x-ray tubes, fluorescent reens and photographic emulsions during e past ten years have made it possible take cine films of the heart and thorax 25 frames per second, with an indidual exposure time of 1/50 second. Dr. ussell-Reynolds showed examples from s outstanding collection of cine radioaphic studies showing the movement of ıman limbs and heart, the mechanism breathing, etc. Thermography is a ethod of recording ultra-violet radiation measuring exceedingly small temperare differences. Only recently has it been ossible to carry it out effectively in pracce. A suitable temperature-sensitive hosphorescent powder is coated on a screen and illuminated by ultra-violet light. If on its uniform glow infra-red light is imaged on to the screen, the temperature of the screen is altered locally, causing a reduction in intensity of phosphorescence which is greater the higher the temperature. Thus a visible image is obtained by means of infra-red light. The method can be made exceedingly sensitive.

An evening session of the Conference was devoted to films, the subjects including cineradiographic studies of the human body; peristaltic movements of a mealworm; and reflex action of the pupil. The Association is arranging for a programme of French scientific films to be put on at the *Institut Français*, Queensbury Way, London, S.W.7, at 7.45 p.m. for 8 p.m. on June 9, and for a film show at the Science Museum, South Kensington, London, S.W.7, at 10.45 a.m., on Saturday, June 17, when one of the subjects will be "Atomisation."

COMING EVENTS

Monday, June 5

ISLE OF THANET BRANGHES, NATIONAL PHARMACEU-TICAL UNION and PHARMACEUTICAL SOCIETY, Saracens Head Hotel, Margate, at 8 p.m. Discussion on "Oncost Cut."

Tuesday, June 6

MECHANICAL HANDLING EXHIBITION AND CONVENTION, Olympia, London, 10 a.m.-6.30 p.m. Continues until June 17.

NORTH NOTTS BRANCH, NATIONAL PHARMACEUTICAL UNION, Victoria Hotel, Mansfield, at 7.15 p.m. Annual meeting and discussion on oncost reduction, etc.

Thursday, June 8

LONDON CHEMISTS' GOLFING SOCIETY. Fixture at Sudbury. (Telephone, Wembley 0218).

ABERDARE AND MERTHYR BRANCH, PHARMACEUTI-CAL SOCIETY, Aberdare Golf Club, Abernant, Aberdare, at 2 p.m. Golf competitions.

Friday, June 9

WOLVERHAMPTON BRANCH, PHARMACEUTICAL SO-CIETY, AND ASSOCIATION, Chamber of Commerce, Lichfield Street, Wolverhampton, at 7.15 p.m. Branch annual meeting followed by Association annual meeting.

Sunday, June 11

MANCHESTER AND SALFORD N.H.S. CHEMIST CONTRACTORS, Midland Hotel, Manchester, at 3 p.m. Meeting convened by local Pharmaceutical Committees. Mr. H. Steinman to introduce a discussion on oncost.

Merseyside Branch of the National Association of Women Pharmacists is holding a theatre supper party on June 7. First house at the Empire theatre; supper at Sansome's.

CORRESPONDENCE

Election Candidates' Thanks

SIR,—May I, through your courtesy, thank all those who supported me at the recent Council election.

A. G. MADGE.

SIR,—May I express through your columns my appreciation and thanks to those pharmacists who supported my candidature in the recent Council election of the Pharmaceutical Society.

East Barnet. G. H. Armitage.

Branch Members' Duties

SIR,—When talking to other secretaries the recent Branch Representatives' meeting, I noticed how frequently the remark cropped up that Branch attendance figures relied almost entirely on the regularity of a comparatively small number of members. We all know how difficult it is these days to find spare time for the host of interests that crowd upon us but (and I think I am speaking for many secretaries) the ordinary member seems to me to fail to appreciate that a Branch is his responsibility, and that its value to himself and in fact to all other members of his Society is dependent on his efforts as well as on those of other people. I think it is a common practice with many Branches to have a recess during the summer period, but in the early autumn Branch activity is bound to be recommenced throughout the country. seem to me that this is the time when the professional journals might well give a lead to the crying need for unity and cooperation among pharmacists of all groups today. As a first step, attendance at Branch meetings and willingness to take office and be active in Branch affairs is. I feel, most important.

Romford, Kenneth Moorey.

An Elderly Assistant's Viewpoint

SIR,—Xrayser puts "Posts for Elderly Assistants" very well. As I come well within this category, and am still working, I felt that I should like to pass a few, maybe pungent criticisms. If an owner suddenly falls by the wayside, as he well may do, owing to the stress of National Health dispensing, or if he requires a change, in order to get away from it all, the answer may have to be an elderly man. Now my experience is that when one takes on a job in a strange pharmacy one finds it very

difficult to locate the stock, and when it found there are no prices marked o goods. Often the cellar or storeroom is a complete muddle, goods are not grouped and no card-index system is employed. locum, when taking a script in, should t able, at once, to say if it can be filled tha day or the next. Customers expect every thing to "go on" as usual-how can or keep up the returns if there is no prope order or system? What a help and a comfor a locum could be to an ailing or a holiday making pharmacist if he would prepare for a rainy day; tempers would be sweet an returns would certainly increase. I trust few will think it over and put their phan macy in order ready for the occasion-fo it is bound to come. Locums would cer tainly be willing to return to such a phar macy.

Beckenham. A. F. BARNES.

Too Many Commodities

Sir,—Many chemists must now be in creasingly alarmed at the number of nev products appearing on the market. the whim of a manufacturer, they are ex pected to welcome on their shelves nev packs, new sizes, new lines, of article which may have a momentary sale, owing to "boosted" advertising. The time I thinl has now arrived when the chemist mus make a determined stand against the intro duction of products of this nature. It i admittedly difficult where manufacturer may tend to find alternative distribution channels, but recently it has been abund antly clear that they are not really inter ested in the question who disposes of their products. In an effort to make manufac turers realise, for their own sake, the folly of launching duplicates and imitations, feel that chemists can make them rely or their "known, admitted and approved lines for a satisfactory turnover, if outside and mushroom firms, with their "fourteen to the doz." bait, are shunned, and if all new products (if they must appear) be guaranteed fully "on sale or return," before being handled. How necessary this has become may be judged from monthly figures of new lines: during one month last year 168, during March this year eighty-five, and during April 113. Surely manufacturers must realise that the time has come for them to rely on existing products for their turnover.

Nottingham I. Britton.

MISCELLANEOUS INQUIRIES

I III T GELLES , J J	Gont Lan
ose pill varnish may be	made to the
llowing formula:—	
Sandarac	dr. 5 ,
Tincture of tolu	dr. 2
Ether to	fl. oz. 2

Pill Varnish.—V.7.H.—A general pur-

Clove Cordial.—S. S.—A formula for a ordial containing clove and caramel is yen below:

Oil of clove 1½ dr.
Alcohol, 90 per cent. ... 3 oz.
Caramel ... 2 dr.
Light magnesium carbonate... 80 oz.
Issolve the oil in the alcohol and pour to the water previously mixed with the agnesium, shake occasionally, and filter four hours. Then place in a large nnel over two layers of twill cotton 6 in.
I have the filtrate rough the material until the whole of e sugar is dissolved, add the calomel d make up to 1 gall. with syrup, B.P.

Peppermint Lozenges.—R.C.—Pepperint lozenges are prepared from a plain se to which oil of peppermint has been added. The quantity and quality of oil used vary according to the kind and price of lozenge desired. Three typical formulas are:—

las are:—
1. "Best": "Mitcham," oil dr. 4 to
7 lb, of base. Cut twenty thin lozenges

to the ounce.

2. "Extra Strong": dr. 6 of oil to 7 lb. of base. Cut eighty small lozenges to the ounce.

3. "Cheap": foreign peppermint oil, dr. 1½ to 7 lb. of base. Cut thirty rather thick lozenges to the ounce. A general method for preparing lozenges is given in Pharmaceutical Formulas, Vol. 1.

Poultry Tonic.—R. O'R.—The "spice" to which you refer may be prepared as follows:—

 Gentian
 ...
 40

 Ferrous sulphate
 ...
 20

 Ginger
 ...
 10

 Potassium
 nitrate
 ...
 10

The above ingredients are powdered and mixed together. A level teaspoonful is used for every quart of prepared mash.

THE PROFESSION IN PRACTICE

.—The Pharmacy of H. Hocken, Ltd., Station Road, Redhill, Surrey



terior of shop showing entrance to dispensing partment and stairway to other departments.

HE headquarters premises of H. Hocken, td., Station Road, Redhill, Surrey, have een devoted to pharmacy for eighty years. aken over by Mr. H. Hocken in 1911, ley have subsequently been extended to our times their original size. The spacious nd well-ventilated dispensary is equipped ith a central, double-sided dispensing room censed under the Therapeutic Substances ct, It is lighted with fluorescent tubing.

From the shop (fitted with mahogany and plate-glass cases) a stairway leads to chiropody and optical departments, office and first-floor store. From the time when he had only one assistant, Mr. Hocken has striven to maintain a high standard, and has concentrated on the dispensing service. The pharmacy now employs a staff of thirteen, and supplies six branches in neighbouring towns by motor-van. The premises are centrally heated.



Part of the dispensary showing (left) the room for aseptic dispensing, and (rear) the drug warehouse.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quanties of standard quality. Prices of crude drugs and essential oils vary as to brand or grad

28 Essex Street, W.C.2, May 31

THE markets, generally, have re-opened on a quiet and steady note. In PHARMACEU-TICAL and FINE CHEMICALS, the chief development is a reduction from June 1 in prices of British-made Ephedrine; Alkaloid is lower by 1s. 3d., the Hydrochloride by 1s. 9d., and SULPHATE by ninepence per oz. Rates for Vanillin have been increased 4s. per lb., with effect from May 24; makers have been compelled to advance prices because of higher costs of clove oil. Two further rises have occurred in ZINC OXIDE prices, both of £3 10s. per ton. A small reduction has been announced in the price of BISMUTH METAL; rates for the SALTS are unchanged. Business in CRUDE DRUGS has been rather slow. However, a good volume of inquiry is being received for Cape Aloes; spot offers are now fewer in number as many holders have disposed of their stocks. There is little inquiry for Gentian. Camphor powder, B.P., is a firmer market. Menthol continues quiet. There have been few developments in Spices; Jamaican Ginger is scarce on the spot and shipment prices for new-crop root are at a higher level. Prices of CLOVES are unchanged. SHELLAC is quiet, with spot easier.

In Essential Oils markets there has been rather more inquiry for Chinese Anise and spot prices have been marked up slightly. On the other hand, Chinese Pepperaint is slightly easier on the spot but business continues slow. Prices of Sicilian Lemon are firmly maintained. Reports from Reunion indicated that the current crop of Bourbon Geranium may be as much as 30 per cent. below normal production, as oil content of plants was affected unfavourably by the cyclone earlier in the year. Spot business in geranium is small with buyers not prepared to pay

current high prices.

U.S. Drug and Chemical Report New York, May 26

THE markets for FINE CHEMICALS continue steady, although record low prices for Penicillin are attracting buyers and there is a good demand for large quantities. Inquiry continues for Santonin but only a limited business is passing owing to the acute shortage of supplies; exporters are only able to obtain occasional amounts, the stocks on hand are being held for the regular domestic trade. Insecticides, particularly DDT, are meeting with a heavy demand. A firm market is reported for MENTHOL; spot supplies are short while only limited offerings are being made from abroad. New-crop Brazilian Menthol is quoted at \$12.20 per lb., c.i.f., for June-

July shipment. Spot prices are from \$1 12.25 per lb. Offerings of Chinese for Ju arrival are at the equivalent of abo \$11.50 per lb., duty paid. Mercury on t spot is quoted at \$71-73 per flask, b bids at about \$2 below these prices a thought likely to be accepted. The Cru Drugs market remains quiet, particular in domestic articles; however, Papain an Ergot continue firm. Prices of Balsa toll have been advanced sharply and su plies are now quoted at \$3.50 again \$3.10 previously. The Cascara sagrat crop this year is not expected to excee that of 1949 and, with a negligible amoun of 1948 bark available, dealers are enteing the season with small stocks on han Carnauba wax is firmer, but with a smademand the high level price is expected to prove only temporary. I Essential Oils, prices for Spearmin Peppermint continues firm. Citrus oil are in good demand. Bourbon Geranic prices have fluctuated and are now in the region of \$18 per lb. Italian Bergamo and Bois de Rose are firm. With a declin in the demand for Eucalyptus, prices have assed slightly.

Pharmaceutical Chemicals

AMMONIUM CHLORIDE, B.P. — Steady Makers quote 1-cwt. lots at 9½d. per lb.

Amphetamine. — Quotations for Basi and Sulphate are from 72s. 6d. to 76s. pe lb. d-Amphetamine is 26s. per oz.

ASCORBIC ACID.—1-kilo lots for the hom trade are £14 per kilo; 500-gm., £14 10s per kilo.

CALCIFEROL.—1-kilo lots (in 25-gm. am poules) are quoted at 5s. 6d. per gm.

Calcium gluconate.—Quantities of up wards of 3 cwt, are quoted at 3s, 6d per lb.; 1 cwt, to 2 cwt., 3s, 7d, per lb. smaller quantities up to 3s, 10d, per lb.

CALCIUM SUCCINATE. — Quotations are from 9s, 6d, to 12s, 6d, per lb., as to quantity. Succinic acid is from 8s, 6d, to 11s, 6d, per lb.

Carbromal.—B.P.C. quality of British manufacture is offered at about 26s, per lb. for 1-cwt. lots.

Chloramine.—B.P. grade is from 2s. 5d. to 2s. 9d. per lb. and 98 per cent, technical is 2s. 2½d. to 2s. 5d. per lb., according to quantity.

Chloroform.—1-cwt. lots in winchesters are now 3s, 2½d, per lb.; 56-lb., 3s, 3d. In drums, prices are 3s. 1d, and 3s. 1½d. per lb., respectively.

CINCHOPHEN.—1-cwt. lots are quoted at 23s. per lb., with smaller quantities up to 30s. per lb,

COCAINE. — Current rates per oz. are: KALOID, CITRATE and SALICYLATE, bot-; \(\frac{1}{2}\cdot \), 20%. 89s.; \(\frac{1}{2}\cdot \), 20z., 85s.; \(\frac{1}{2}\cdot \), 20z., 80s. 6d.; \(\frac{4}{2}\cdot \), 20z., 79s. 3d.; 8-oz., 3d.; 16-oz., 75s. 3d.; tins, 25-oz., 9d.; Hydrochloride, Nitrate and phate, bottles, \(\frac{1}{2}\)-oz., \(79\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(75\)s.; \(\frac{1}{2}\)-oz., \(65\)s. \(3d\).; \(3d\). , 3d.; 8-oz., s, 25-oz., 64s.

ODEINE.—Prices per oz. for quantities oz. and under 35 oz. are as follows:— KALOID, HYDROBROMIDE and IODIDE, 6d.; HYDROCHLORIDE and SULPHATE, 6d.; PHOSPHATE, 33s. HYDROBROMIDE and IODIDE,

EXTROSE. — Steady. Monohydrate, c. (in less than 5-cwt. lots), 28-lb. tins, quoted at 40s. per tin; 14-lb. tins, 6d.; 7-lb. tins, 11s. 6d.; less 12½ per od.; 1-10. LIBS, 11.8. Od.; 1e88 12/2 per t. to wholesalers, delivered. In quantifof 5 cwt. and over, 28-lb. tins are 2s., b. tins, 1s. 6d., and 7-lb. tins, 1s. less n above prices. ANHYDROUS, B.P. (in than 5-cwt. lots), 28-lb. tins, 42s. per 14-lb. tins, 22s. 6d.; 7-lb. tins, 12s.; 12½ per cent. to wholesalers, delivered. uctions for quantities of 5-cwt. and over the same as for the monohydrate.

IEXAMINE. — B.P. is offered at from 8d. to 2s. per lb., as to quantity.

IEXOBARBITONE.—Quotations are in the on of 77s. per lb. for small quantities. ACTATES. — Current quotations are: cium. 2s. 2½d. to 2s. 6½d.; CALCIUM IUM. 3s. 5d. to 3s. 9d. per lb.; LACTIC D. B.P. 3s. 3d. per lb. in carboys, 3s. 4½d. to 3s. 10d. in winchesters.

IAGNESIUM CARBONATE. — Heavy, B.P., l-cwt. lots is quoted at 131s., and light, at 115s. 10d. per cwt.

HENYTOIN SODIUM. — Quotations for all quantities are at about 32s. 6d. per the base is available at the same price. PIPERAZINE.—Imported material is of-d at from 110s. to 120s. per kilo alls, 4s. 9d. to 5s. per oz.).

OTASSIUM BROMATE. — Makers' prices lb. are as follows:—One cwt. 5s. 3d.; lb., 5s. 9d.; 28-lb., 6s. 3d.; smaller attities up to 6s. 9d.

'ROCAINE HYDROCHLORIDE. — Quotations in the region of from 39s, to 45s, per as to quantity.

YROGALLIC ACID. — Quotations per lb. CRYSTALS are as follows: 1 cwt., 18s.; lb., 18s. 6d.; 28-lb., 19s. 6d., net. aller quantities are from 21s. to 24s. lb., less 2½ per cent. Resublimed is 3d. per lb. for 1-cwt. lots: 56-lb., 9d.; 28-lb., 21s. 9d.; 14-lb., 23s. 3d. Smalls are from 24s. 9d. to 26s. 3d. lb., less 2½ per cent.

RESORCIN. — Current prices range from to 11s. 6d. per lb.; Monoacetate is m 14s. 6d. to 17s. 6d. per lb., according

quality,

ROCHELLE SALT. — Rates per cwt. for powder or granular salt are: 5 cwt., 130s.; 1 cwt., 132s. 6d. Crystal is 2s. 6d. per cwt. more than the foregoing prices. SEIDLITZ POWDER, ordinary, is 103s. 9d. per cwt.; extra strong, 111s. 6d. per cwt.; double strength, 116s. per cwt.

SACCHARIN.—In lots of 1-lb. and over B.P. powder is quoted at 98s. 4d. per lb.; the SODIUM SALT is 79s. 4d. per lb. Prices

include duty and carriage.

SALOL, B.P.C. — Current quotations for quantities of 28 lb. to 1 cwt. are from 9s. to 9s. 4d. per lb., according to pack. Prices for larger quantities are from 7s. 6d. to 8s. per lb.

Sodium Lauryl Sulphate.—B.P. material is quoted at about 8s. 6d. to 9s. per lb. for small quantities. Emulsifying wax is about 5s. 3d. to 5s. 6d. per lb.

STEARATES.—In 5-cwt. lots MAGNESIUM is 263s. per cwt.; ZINC, B.P., 265s.; SODIUM, 236s. 6d.; and CALCIUM, 245s. 1-cwt. lots are 2s. 6d. per cwt. more than cheen prices. above prices.

STRYCHNINE.—Makers' current rates per oz. are as follows :-

Compound	Under 25 oz.	25 oz. and under 100 oz.	100 oz. and under 500 oz.
Alkaloid Bisulphate Hydrochloride Hypophosphite Nitrate Sulphate	s. d. 6 2 5 4 5 11 9 8 5 11	s. d. 6 o 5 2 5 9 9 6 5 9	s. d. 5 10 1 5 0 1 5 7 1 9 4 2 5 7 2
(neutral pow- der No. 2) Sulphate (neutral crys- tal and pow- der)	4 II 5 6	4 9	4 7½ 5 2½

Sulphacetamide. — Quotations are in region of 26s. to 30s. per lb. The Sodium derivative is 32s. 6d. to 36s. 6d. per lb.

Sulphanilamide.—Makers' rates are as follows:—5-cwt. lots, 7s. 10d.; 1-cwt., 8s.; 28-lb., 8s. 3d.; 14-lb., 8s. 6d.; 7-lb., 9s. per lb.

Sulphocarbolates—Sodium Phenolsul-PHONATE, B.P.C. (powder or crystal) is now 3s. 8d. per lb. in 28-lb. lots; 7-lb., 4s. per lb. ZINC, B.P.C., is 3s. 4d. per lb. (28-lb.); 7-lb., 3s. 8d. per lb.

Sulphonal.—Makers quote 44s. to 53s. per lb., as to quantity.

VANILLIN.—Prices have risen 4s. per lb. with effect from May 24. New rates per lb. are: 5 cwt., 30s.; 1 cwt., 30s. 3d.; 56 lb., 30s. 6d.; smaller quantities, 30s. 9d.

ZINC OXIDE.—Prices advanced a further £3 10s. per ton on May 25 and again on May 30. In minimum 2-ton lots, delivered, B.P. quality is now £116; white seal, £107 10s.; and green seal, £106 10s,

Crude Drugs

Aconite.—Indian is offered at 285s. per

cwt., on the spot; napellus is quoted at 3s, 10d. per lb., spot, duty paid.

AGAR. — Quiet. The market is steady with spot quotations for Kobé No. 1 from

9s. to 9s. 3d. per lb.

Aloes.—Most holders of Cape have disposed of their stocks, any available spot supplies are in the region of 115s, per cwt.; no offers for shipment. Prices of Curação are unchanged at 225s, per cwt., spot, shipment, 220s., c.i.f.

BISMUTH. — Basic rate for metal is 13s. 9d. per lb., in minimum 5-cwt. lots.

Buchu.—Short-round leaves are quoted at from 2s, 11d, to 3s, per lb., spot; for shipment, 2s, 7½d, to 2s, 8d., c.i.f. Ovals are available at 2s. 8d. per lb., spot.

CAMPHOR.—An active market. Chinese tablets are quoted from 5s, 3d, to 5s, 6d, per lb. for $\frac{1}{4}$ -oz. and from 5s. for $\frac{1}{2}$ -oz.; $2\frac{1}{2}$ -lb. slabs are from 5s. per lb.; all duty paid, spot London. Chinese refined powder (B.P.) is offered at from 4s. to 4s. 3d., duty paid (in bond, 3s. 9d.). B.B. grade, for shipment, nominal; on spot, 3s. 9d., duty paid.

CANTHARIDES.—Chinese on the spot is 5s. 6d. per lb.; for shipment, 4s. 6d. per

lb., c.i.f., quoted.

Cascara sagrada. — Old-crop is offered at 285s. per cwt., duty paid, spot; new-erop, from 240s. to 250s., e.i.f., nominal.

CHILLIES. — Sierre Leone on the spot, quoted at 295s.; May-June shipment, 265s., c.i.f. Nigerian, May-June shipment, 230s., c.i.f. Sudanese, 300s. per cwt., spot. Mombasa, for shipment, 275s.

Cloves. — Zanzibar is offered at from 1s. 9d. per lb. on the spot; for shipment, 1s. 10\(^3\)d., c.i.f. Madagascar is offering at 1s. 8\(^1\)d. per lb., in bond. Ceylon is offered

at 2s. per lb., spot.

Cod-Liver oil.—Medicinal (B.P.) oil in bulk, supplied to wholesale distributors, is quoted as follows:—In 45-gall, drums, 12s, per gall., plus 30s. charge for loaned drum; in 25-gall, drums, 12s, per gall., plus 20s, for loaned drum; 5-gall, drums, 13s. per gall. (drum included and not returnable); 1-gall. tins, 13s. 6d.

Colocynth. — White pulp on the spot

is quoted at 2s. per lb.

Gentian. — Little activity; French is offering on the spot at 85s, per cwt.

GINGER. — African new-crop quoted at from 300s., spot; May-June, 292s, 6d., c.i.f. Jamaican No. 3 is valued at 400s, per cwt., nominal, spot; new-crop, May-June ship-ment, 395s., nominal, c.i.f.

GUM ACACIA.—Kordofan cleaned sorts on the spot, offered at 86s. per cwt., spot London or Liverpool; May-June shipment. 81s., c.i.f. Bleached gum, 165s., spot. Talha is 52s. 6d. per cwt., spot; shipment, 47s. 6d., c.i.f.

Henna. — Supplies of Egyptian lea are offered at 100s. per cwt., spot.

Honey. — Prices for manufactur grades are as follows:—1-cwt., 90s.; cwt., 86s.; 10-cwt., 83s.; 1-ton, 80s.; cwt., carriage paid in U.K., packed 60-lb, drums. Refined honey: In 56-lb, ti 100s.; 28-lb., 115s.; cases of four 7-130s, per cwt., carriage paid.

IPECACUANHA. — Quiet. Nicaraguan spot is quoted at from 35s. to 36s. per as to test; for shipment, 32s. 6d., c. Colombian is 31s. 6d. per lb., spot;

shipment, 28s. 6d., c.i.f.

LIQUORICE.—Anatolian natural root the spot is quoted at from 48s. to 4 the spot is quoted at from 48s, to 4 per cwt.; Syrian is 47s, per cwt., ex sta Liverpool. British block, 150s, to 195s, 1 cwt., as to grade. Turkish block juice quoted at from 150s, to 220s., duty pa according to holder. Turkish stick is fra 285s., duty paid. Italian stick is fra 285s, to 475s, per cwt., duty paid.

LYCOPODIUM. — Supplies of triple-sift material, on the spot, are quoted at fre 12s. 3d. to 12s. 6d. per lb., duty paid.

MACE.—West Indian pale blade, No. is quoted at 6s. 2d.; for shipment, 5s. 10 c.i.f., quoted.

Malt extract. B.P. quality is quot at 86s. per cwt. in 1-cwt. or 56-lb. turnable drums; with Cod-Liver oil (per cent. v/v.) the price is 99s. 6d. I cwt.; carriage paid.

Mastic.—No. 1 tears are quoted at fre 12s. 6d. to 13s. per lb., spot.

Menthol.—Quiet. Brazilian on spot from 91s. to 92s. 6d. per lb., duty pai May-June, 82s. 6d., c.i.f.; June-Ju 82s. 6d., c.i.f. Chinese, in bond, is 87s. to 88s.; afloat, 85s. per lb., c.i.f.

Mercury. — Spot quotations are from

£17 5s. per flask, ex warehouse.

Myrrh.—Aden sorts are quoted at fro £9 to £9 10s. per cwt.; siftings, £6 10s. £7; both spot London.

Nutmegs. -— West Indian 80's quot at from 2s, 9d., on spot; sound unassorte 2s. 1d., spot. East Indian 80's offered from 2s. 10d. to 3s. per lb., c.i.f. Continer

Nux vomica.—Spot, Cochin is offer at 40s. per cwt.; Cocanada, 35s. per cwt.

OLIBANUM.—Good drop is quoted at fro 220s. to 225s., and medium drop at 190s peas are 200s.; fair garblings, 125s.; sil ings are at 115s. per cwt., spot.

ORANGE PEEL.—Thin cut Tripoli is qu ted at 1s. 1d. per lb., duty paid, spobitter quarters are from 1s. 1d. to 1s. 2 per lb., duty paid.

Orris root.—Verona is quoted at 65 per cwt., and Florentine at 110s., spi London.

PAPAIN. - East African white, on the spot, is from 15s. per lb.; Ceylon brow from 11s. per lb., spot,

SEEDS .- The ANISE market continues iet. Turkish is 152s. 6d. per cwt., in ad; and 162s. 6d. per cwt., duty paid; yptian is 150s. per cwt., in bond; all ot London. Caraway.—Dutch is now ered at 120s. per cwt., duty paid, in ndon. Celery.—Indian on the spot is oted at 1s. 9½d. per lb.; French is quoted 230s. per cwt., landed, duty paid, for ne delivery. Coriander.—Market dearer shipment. New crop for July-August pment is now offered at 62s. 6d. per t. Old crop on the spot quoted at 105s., y paid, and 100s., in bond. CUMIN.— rket remains firm. Morocco is reported d at 175s. per cwt., in bond. No Cyprus d at 175s, per cwt., in bond. No Cyprus ring on spot. New crop, for June-July pment, is offered at 150s. per cwt., c.i.f., I July-August 147s. 6d. per cwt., c.i.f. L.—Indian on the spot is quiet at 62s. per cwt.; for shipment, 70s. per cwt., f., quoted. Fennel.—Indian is 95s. per t., spot London. Fenugreek.—Morocco in poor demand at 55s, to 57s, 6d. per t., duty paid, spot London or Liverpool. lian is quoted at 62s, 6d. per cwt., spot bodon. idon.

 Spot quotations are from . 9d. to 11s. per lb.; for shipment, 11s., i., nominal.

BENNA. — Tinnevelly on spot, No. 1 ves are from 9½d. to 11d.; No. 2, 8d. 8½d.; No. 3, 7½d. to 8d., nominal. Tinelly pods are from 8½d. to 11½d. per lb.; nufacturing, from 6d. Alexandrian 2023, 100 per lb.; nufacturing, from 6d. Alexandrian 2023 lium grades, are quoted at from 4s. 3d. 5s. 3d. per lb., and manufacturing, 7d. $\frac{1}{2}$ d., spot.

HELLAC.—F.O.T.N. pure, on the spot, uoted at 255s.; F.O. Standard 1, 270s.; fine orange, 300s. to 360s. per cwt., ex

ehouse London.

RAGACANTH.—White ribbon, selected, is ted at £140 to £145 per cwt.; No. 1, 0; No. 2, £117 6s.; No. 3, £100, spot. ALERIAN.—Belgian root is quoted at n 195s. to 200 per cwt., spot.

VAXES.—Dar-es-Salaam BEES' is steady 385s. per cwt., spot; May-June shipt, 375s., c.i.f. Benguela is quoted at s., in bond; shipment is 340s. per cwt. Abyssinian is 375s, per cwt., duty paid 0s. in bond); for shipment 335s., c.i.f. dagascar, FDE, is quoted at 345s., duty 1; shipment, 305s., c.i.f. CANDELILLA. t and June delivery are offered at s. per cwt. CARNAUBA.—Fatty grey is ler at 660s, per cwt. asked for spot plies; May-June shipment, 645s., c.if. me yellow is quoted at 900s. per cwt., t; for shipment, 890s., c.i.f. Montan.ady. Reibeck is offered at 145s. per cwt., t; for shipment, 135s., c.i.f. Ouri...—0.5 per cent. impurities, 660s. per spot; 1.5 per cent., 635s., spot.

VITCH HAZEL LEAVES .- Spot quotations from 3s. 6d. to 4s. per lb.

Essential and Expressed Oils

Amber.—Rectified on the spot is offered

at 1s. 2d. per lb.

Aniseed. — Spot quotations are from 8s. 3d. to 8s. 6d. per lb. for drums; May-June shipment, 7s. 2d., c.i.f.

BIRCH TAR. — Quiet. Crude is offered at 6s. per lb., spot London.

CAJUPUT. — B.P. quality is offered at from 19s. 6d. per lb.

CARDAMOMS.—English-distilled is quoted at from 450s. per lb.; imported, from 330s. to 350s., duty paid.

Cassia.—Quiet, Spot quotations are from 16s. 6d. to 17s. per lb.; for shipment, 16s. 3d., c.i.f., quoted.

CEDARWOOD.—East African is quoted at 3s. 6d. to 4s. 6d. per lb., spot London.

CINNAMON.—B.P. oil on the spot is quoted at from 50s. to 100s. per lb. Bark oil is offered at from 17s, 6d, to 20s, per oz. Seychelles leaf oil is from 8s, 3d, to 9s. per lb., spot.

COPAIBA. — Spot offers are at from

14s. 6d. to 15s. per lb.

CORIANDER. — English-distilled is quoted at about 250s, to 260s, per lb. Dutch is offered at from 185s. to 210s., duty paid.

CUBERS. — Supplies of English-distilled offered at from 50s. to 55s. per lb. Imported is quoted at from 52s. to 55s.

CUMIN.—Quotations for English-distilled are at about 70s. per lb.

EUCALYPTUS. — Australian, 70-75 per cent. (B.P.), is valued at 5s. 3d. to 5s. 9d. per lb., spot; 80-85 per cent., 5s. 6d. to 6s. per lb.

GINGER.—English-distilled is from 150s. to 300s. per lb., as to grade and seller. Imported oils, 120s. per lb., spot.

GUAIACWOOD.—Spot quotations are from 17s. 6d. to 18s. per lb., duty paid.

JUNIPER BERRY.—Imported oils are quo-JUNIPER BERRY.—Imported ons are quoted at from 19s. to 25s. per lb., duty paid; English-distilled, first quality, is offered at from about 75s. per lb.; B.P.C. oil is 25s.

LAVENDER.—French, 38-40 per cent., on spot is offered at from 21s. to 24s. per lb.; 40-42 per cent., 22s. to 25s. Spanish spike is offered at from 9s. to 10s. per lb., spot.

Nutmeg.—Prices of English-distilled oil are at 32s. 6d. to 37s. 6d. per lb.; second-grade, 25s. per lb. Imported oil is offered at around 32s. 6d., duty paid.

Orange.—Sweet oils are from 10s, to 12s, per lb., according to grade; and bitter, from 13s, 6d, to 20s, per lb., spot London.

Peppermint. — Spot quotations for Chinese (M. arvensis) are from 40s, to 42s, per lb.; May-June shipment, 37s. 6d., c.i.f. Piperita, B.P. oil is quoted at from 60s, to 65s, per lb. on the spot. English-distilled "Mitcham" oil is at 210s, to 220s. per lb.

NEW BRITISH PATENTS

Herbicides. The Dow Chemical Co. No. 32,886/1948 (28.5.48). Object of the invention is to overcome the formation of water-insoluble aggregates when aqueous sprays and concentrates of the chlorophenoxy acetic acid type are diluted with water. The method involves adding a small amount of water-soluble methylcellulose (0.01-2 per cent. by weight of the alkanolamine salt present) to the concentrate or to the diluting water. Salts of various chlorophenoxy acetic compounds or mixtures of them may be used.

Improved derivatives of amino alcohols. Parke, Davis & Co. No. 4142/1940. (24.8.48). A method is claimed for obtaining amino diol products from ketones or amino alcohol compounds by producing a mixture containing much larger quantities of the pseudo-structure than of

the cis-configuration.

Improved nitrogen-containing ketones and methods for obtaining same. Parke, Davis & Co., No. 4143/1949 (24.8.48). The invention relates to ∞-aminoaceto-phenone derivatives, e.g., a hexamethylene tetramine complex, which is hydrolysed with mineral acid in an aqueous or non-aqueous reaction medium. The mineral acid salt so obtained is simultaneously neutralised and isolated to obtain the corresponding acylated compound.

Manufacture of new basic ethers. SPOFA, Spojene farmaceutické zav. nar. pod., Prague, No. 21295/1949 (19.8.48). According to the present invention basic

ethers are prepared of formula:

$$\begin{array}{c|c} CH_2 & \left\langle \begin{array}{c} CH_2 - CH_2 \\ CH - CH \end{array} \right\rangle CH_2 \\ \\ R.O & N(Y)_2 \end{array}$$

in which R is an aryl or alkyl radicle, and Y is an alkyl radicle or the whole group N(Y)₂ respectively may be the residue of a secondary heterocyclic amine. The physiological action of these substances (anti-histaminic, spasmolytic and anæsthetic) have facilitated their use in therapy. Method of manufacture is that of condensing metal derivatives of compounds of general formula R.OM (in which M is monovalent, preferably alkali metal) with substances of above general formula in which R.O is replaced by halogen (Cl or Br) at elevated temperature in a water-immiscible organic solvent. The metal halogenides are filtered off and the crude basic products isolated.

TRADE MARKS

(From "The Trade Marks Journal," A

For pharmaceutical preparations (5).—"
VIN" and shield device; by Rybar Labo
Ltd., Tankerton; 679,891. "MARIENBAJAN
Metamorphosa (Proprietary), Ltd., Johani
682,505. "KIDIPRIN"; by Clinical Product
Richmond; 684,406. "ANOHIST"; by
Co., Inc., New York; 684,033. "CAPTIVIT
Sharp & Dohme, Ltd., Hoddesdon;
"LANDRAX"; by Evans Medical Supplies
Liverpool; 685,173. "POYLADE"; by Moore
cinal Products, Ltd., Aberdeen; 685,601. LEX"; by Antigen Laboratories, Ltd., I
W.1; 685,680.

For medical and surgical syringes (10).—"
JECTOR"; by A. M. Bickford & Sons, Ltd laide; B680,605.

(From the "Trade Marks Journal," May For non-medicated bath salts (3).—"1 BUBBLE"; by Nat Gould, London, E.C.3; 6

For all goods excluding detergents (3).—NIPOL "; by Omnipol Akciova Spolecnost, 1683,934.

For medicated preparations (5).—"Nidox by Ortho Pharmaceutical Corporation, Ne sey; 684,291.

For denture-cleaning preparations (3).— TACLENO"; by Solwhite Chemical Co., Ltd. Molesey; B677,952.

For scientific and industrial chemical sub (1).—" Zelex"; by the Amalgamated Dent: Ltd., London, W.1; 684,115.

For soaps and detergents (3).—" Sylvan Improved" on label device; by Thomas & Co., Ltd., Newcastle-on-Tyne; 686,225.

For agricultural and horticultural chemical ducts and artificial manures (1).—" ARKOTINE Shell Chemicals, Ltd., London, E.C.3; 677

For infants' and invalids' foods (5).—"TRI (in distinctive lettering); by W. A. Sch Chemische Fabrieken N.V., Groningen; 673,

For tartaric acid, tartaric esters and ethe
—Triangular device of bell, grapes and lemo
Montecatini Societa Generale per l'Industria
eraria e Chemica, Milan; 682,389.

For non-medicated toilet preparations "TATTOO COUPLETTES" (in distinctive lett by Tattoo Cosmetics, Ltd., London, E.C.-2; 68 "5 FLEURS FORVIL" (in distinctive letterin Parfums Forvil & Dentifices du Docteur Réunis, Nanterre; 681,839. "BRIAR" on device; by J. & E. Atkinson, Ltd., London, 682,402.

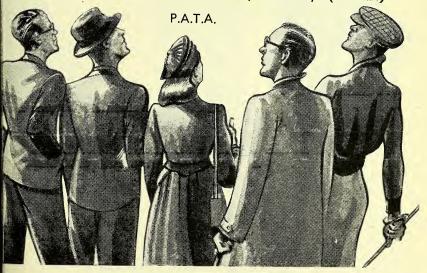
For pharmaceutical preparations (5).—'IT'; by Heath Brothers & Sons, Ltd., So B676,863, "Omnicillin" "Somicodin": Clinical Products, Ltd., Richmond; 682,15 "Rondase"; by Evans Medical Supplies, Liverpool; 685,550. "Benthiol"; by (Bencard, Ltd., London, S.W.1; 685,640. "CULIN"; by Hough, Hoseason & Co., Ltd., chester; 686,614.

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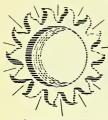
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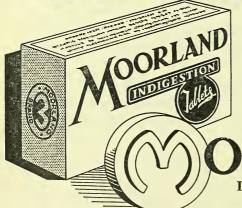
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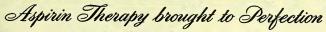


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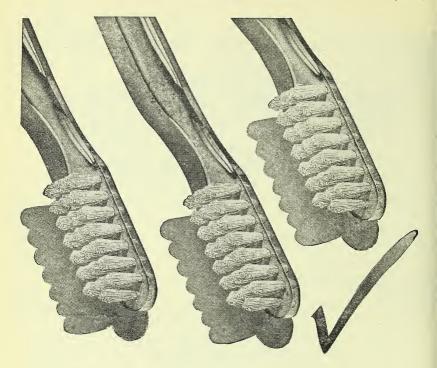
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20 UNITS PER C.C., BOTTLE OF 10 C.C.		2	7
40 UNITS PER C.C., BOTTLE OF 5 C.C.		2	7
40 UNITS PER C.C., BOTTLE OF 10 C.C.		4	101
80 UNITS PER C.C., BOTTLE OF 5 C.C.		4	10½
80 UNITS PER C.C., BOTTLE OF 10 C.C.		9	5
WELLCOME' GLOBIN INSULIN (with Zinc)			
40 UNITS PER C.C., BOTTLE OF 5 C.C.		3	0
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SUNDRIES DRUGS
TABLETS & PILLS

FOR CHEMISTS

Manufacturing Chemists

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Increased cost of imported raw materials has made it necessary for us to increase the prices of all types of Insulin.

The new prices became effective on 1st June, 1950, and are as follows:

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5 c.c.		200 units		3/-
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Doctors are now reading this advertisement

THE LANCET!

THE LANCET GENERAL ADVERTISER

WHEN it is desired to administer depot doses of penicillin, with the minimum of inconvenience to practitioner and patient .

trade 'DISTAQUAINE'G brand

CRYSTALLINE PROCAINE PENICILLIN G for intramuscular injection in aqueous suspension

is the product of choice.

Packs: Vials of 300,000 i.u. and of 900,000 i.u. in boxes of 5 vials

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For sizes 8 oz. and 10 oz. wrapping costs about ten sheets a penny

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White Demy, best dispensing quality.

Per 500 sheets (approx.)

Sizes (ounces) 1 8-10 6 1/8 2/9 1/4 3/2

... 4" x 4½" per 500 sheets 10d. Per Ream Per Quire Powder Papers ...

No. 18 White Demy, $17\frac{1}{2}$ " x $22\frac{1}{2}$ " Swedish Brown kraft 20" x 30" Swedish striped sulphite 20" x 30" 14/-9½d. 14/9 9½d. 1/-

16/-(green and mauve)

Dispensing Twine (Red, Blue, Green)

8 oz. balls 50/- per doz. 4 oz. balls 25/- per doz. Sealing Wax 3/9 per lb.

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All orders Carriage Paid in Free Packages

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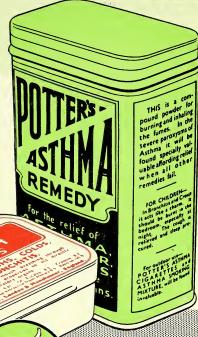
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In	the	follow	ving s	sizes
S	20	- 1	S	62
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The name of STEDMANS is your guarantee of quality - every film being batched and date stamped

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ODIUM BENZOATE B.P.

Physical Form: White Powder.
Main Use: General pharmaceutical: preservative: manufacture of tooth paste and cosmetics.

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Physical Form: Granular (Aspirgran); crystals; powder. Main Use: Manufacture of aspirin tablets and powders; for general pharmaceutical and veterinary purposes.

YSOL B.P.

Physical Form: Saponified solution of cresol.

Main Use: Antiseptic and disinfectant for surgical purposes.

RESANTOL 15

Physical Form: Clear brown liquid. R.W. coefficient equivalent to 75 Main Use: Manufacture of antisentic and disinfectant fluids.

RESANTOL 15-R

Physical Form: As 15 but milder. R.W coefficient equivalent to 75 Main Use: Manufacture of antiseptic and disinfectant fluids.

P.C.M.C.

Physical Form: Small crystals.
Main Use: Preserving various industrial products and pharmaceutical preparations against spoilage by microorganisms: supplementary germicide for antiseptic fluids. P.C.M.X. is at present very restricted.

PHENOLPHTHALEIN B.P.

Physical Form: White odourless powder. Main Use: General pharmaceutical.

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MONSANTO CHEMICALS LIMITED

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Monsanto Pharmaceuticals Include:

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Successful cultivation of medicinal plants is an art that results only from long experience.

For over 100 years William Ransom & Son Ltd. have specialised in drug growing



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and the wealth of their knowledge is reflected in the outstanding quality of their products.

ACTUAL GROWERS OF

BELLADONNA · HENBANE
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(Solid and Liquid)

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MANUFACTURING CHEMISTS AND GROWERS OF MEDICINAL PLANTS FOR OVER A CENTURY

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a strong counter attraction because





Millions will read these striking advertisements from June 19

These powerful EFFALGEN advertisements will appear at frequent intervals in dominating positions in London newspapers. As you will see, each advertisement features the product and carries a large coupon. It is confidently expected that many thousands of applications for free samples will be received. And, personal experience being the most convincing test, once your customers have tried EFFALGEN they will never again be content with a substitute for this new and better Indigestion Remedy. In its attractive individual-dose pack EFFALGEN will sell on sight. Stock it! Show it! Sell it!

PRICES

Retail (Inc. P.T.) Wholesale (Plus Carton of 10 Doses 2/6 each 18/- d Carton of 20 Doses 4/6 each 33/9 d

Window display discount 10% Cash discount 21%

> All enquiries and orders to Sole Selling Agents

WATFORD,

for Harwoods Laboratories Ltd.

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You can dispense



ADHESIVE BANDAGE

against N.H.S. prescriptions

with confidence

The NON-FRAY, NON-FLUFFY, WOVEN-EDGED Elastic Adhesive Bandage. Its resilience and retraction provide a firm and comfortable support appreciated by the Medical Profession.

NEW TARIFF PRICES:

 $\frac{2\frac{1}{2} \text{ in.} \times 3 \text{ yds.}}{3 \text{ in.} \times 3 \text{ yds.}}$... $\frac{39}{46}$ per doz.

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The regular use of Bristow's LANOLIN Shampoo has proved to thousands of women that it is a highly effective corrective for parched hair. The summer months will make more and more women aware of the parched condition of their hair — All of them will be prospective customers for Bristow's LANOLIN Shampoo. So show it on your counters—in your windows. Large-space Advertising is supporting you.

Bristow's LANOLIN SHAMPOO





now also with our British Made <u>mirrored</u>
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Tablets are now being widely prescribed, and sell well over the counter, too.

◆ This Pink tablet is an A.P.C. Calc—Phos base with Phenol-phthalein preparation.

• It can be sold with confidence for Headaches, Colds, Rheumatic and similar symptoms.

• In packs of 25 @ 2/-, 50 @ 3/9d. and trial size at 1/-. Wholesale 13/6d., 25/- and 6/9d. doz.; plus \(\frac{1}{3}\)rd P.T. Opening order: 14 to the doz.

Direct or from Wholesalers

ABBOTTS DRUGGISTS LTD.
Distributors: AMBLINS SALES
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THE ANSWER IS

INECTO-RAPII

- ★ The best-known hair dye a over the world
- ★ Exactly reproduces nature' own colouring
- * Guaranteed permanent.
- ★ Unaffected by permanen waving
- ≯ Clean and very simple to apply



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Prices are as follows :-

Trial-size outfit (I pair 30/- doz. 30/- 6/- of bottles)

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A 'good tonic' ...

that's always in demand

'NEURO PHOSPHATES' ('Eskay') is a 'good tonic' because:—

- (1) It presents in easily assimilable form two valuable reconstructive agents—strychnine and glycerophosphates.
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Doctors prescribe it regularly: they prescribe it because it 'works'.

• 8-oz. bottles: Trade price 28/7 per doz. Purchase Tax 12/11 per doz. Retail price 5/4½ each. Dispensing pack 80-oz. 30/- Tax free.



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THE CREAM WITH A USE IN EVERY HOUSEHOLD FOR PREVENTING AN TREATING NAPKIN RASH, OR FOR SORE HANDS, CUTS, ABRASIOI OR AS A SOOTHING APPLICATION FOR CHILBLAINS, ETC.

COST 18/- DOZ. + P.TAX. RETAIL 2/3 + P.TAX. 33\frac{1}{3}\% PROF BONUS TERMS ON ORDERS OF 3 DOZEN. DISCOUNT FOR WINDOW DISPLATION These prices apply in the United Kingdom only

C. J. HEWLETT & SON LTD.

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The most important use of 'PARAMISAN SODIUM' is in the treatment of pulmonary tuberculosis. It is also indicated in many extrapulmonary tuberculous infections. It is most commonly used in the form of its Sodium Salt.

PARAMISAN SODIUM'

TRADE MARK

SODIUM SALT OF

para-AMINOSALICYLIC ACID

PACKINGS :---

POWDER—for oral and general use	100g. 250g. 500g. and 1000g.
CACHETS—for oral use	(1.5g.) 100 and 500 Cachets
SUGAR COATED TABLETS—for oral use	(0.33g & 0.5g.) 500 Tablets
SUGAR COATED GRANULES—for oral use	600g.
STERILE 20% SOLUTION—for local injection	6 ampoules of 10 ml.
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STERILE 5% PYROGEN-FREE SOLUTION—for intrath	ecal injection 6 ampoules 10 ml.
10% CREAM—for local application	30g. tube

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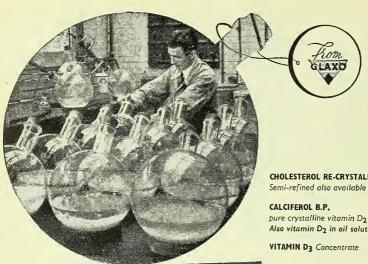
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HERTS PHARMACEUTICALS LTD. Welwyn Garden City, England BRITISH CHEMICALS & BIOLOGICALS LTD.
Loughborough, England

from whom full literature and prices can be obtained

Therapas Limited is a Company formed jointly by Herts Pharmaceuticals Ltd., and British Chemicals & Biologicals Ltd., for the purpose of research and manufacture in the field of chemotherapeutic agents relating to tuberculosis.

M.52



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Semi-refined also available

Also vitamin D2 in oil solution

VITAMIN D₃ Concentrate

AMETHOCAINE HYDROCHLORIDE B.P.

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S.T. I. SUN TAN POWDER comp.

Bottles ½ oz. powder to 2 ozs. water. with wadding and gives the admired GOLDEN
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Makes 224 x 2 os. bottles.
CHEMICAL MNFG, LABORATORY LTD. DRAKE ROAD
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VE WANT Sele Manufacturers: JEFFREYS, MILLER & CO. LTD., Leyland Mills, Wigan. (Landon Dept. 19 Brookside Rd. N.19) BECAUSE OF THE BUTTERSCOTCH FLAVOUR

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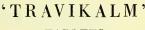
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DYEWOOD COMPANY VINCENT PLACE, GLASGOW, C.I increased

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DISPLAY these quick-selling 'GENATOSAN'

LINES!



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'Travikalm' brand Tablets for the prevention of Road, Rail, Sea and Air Travel Sickness.

'FISSAN'
ICHTHAMMOL POWDER

'Fissan' Ichthammol Powder for fungous affections, especially Athlete's Foot. An ideal foot powder.

'GENATOSAN'
CALAMINE LOTION

'Genatosan' Calamine Lotion—a pleasant calamine lotion compound for sunburn and heat eruptions.

Product	Size	Retail Price (inc. Tax)	Trade Price (dozen)
'Travikalm'	10 tablets	1/6	10/-
'Genatosan' Calamine Lotion	4 oz.	1/11	13/-
'Fissan' Ichthammol	Sprinkler tin	2/9	18/-
Powder	300 gm.	7/6	54/-

GENATOSAN LTD

A Division of British Chemicals & Biologicals Ltd.

LOUGHBOROUGH, LEICS.

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TABLETS WERE SOLD IN 1949

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PRICES:

DOLCIN 600'S (Dispensing) 31/6 per unit Plus 10/6 P.T. DOLCIN 500'S 324/- per dozen plus 108/- P.T. (Retail 45/- per bot.) DOLCIN 100'S 72/- per dozen plus 24/- P.T. (Retail 10/- per bot.)

Please order Dolcin from your wholesaler

Show material for Dolcin can be obtained from: Sole Distributors: Tampax Ltd., 110 Jermyn Street, S.W I















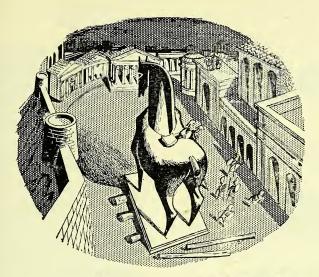












PENETRATING POWER

is more than half the battle

However potent an antifungal agent, it cannot be effective against "athlete's foot" or other fungous conditions of the body unless it readily penetrates the skin. 'Tineafax' Ointment contains zinc undecylenate (recognised as a highly efficient fungicide) in a base of exceptional penetrating power. Bland, non-irritant, non-staining, it clears most cases of athlete's foot in from 7 to 21 days. 'Tineafax' Ointment is issued in collapsible tubes of I oz. (approx.); 'Tineafax' Powder, for prophylactic use, in convenient sifter-top tins. Both retail at 2/6d. plus $7\frac{1}{2}$ d. tax. For dispensing purposes, 'Tineafax' Ointment is now issued also in jars of I lb., at a list price of 24/- plus 6/- tax.

NATIONAL FOOT HEALTH WEEK IUNE 12-17

Link up with National Foot Health Week by giving 'Tineafax' a prominent display

Compound Undecylenate Ointment and Undecylenate Powder



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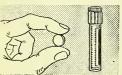
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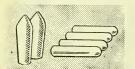
By mouth



By implantation



By inunction



By insertion

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OESTRADIOL MONOBENZOATE
OESTRADIOL DIPROPIONATE
PROGESTERONE
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DEOXYCORTONE ACETATE

ETHINYL OESTRADIOL (LYNORAL)
OESTRONE
ETHISTERONE
METHYLTESTOSTERONE
DEOXYCORTONE ACETATE

OESTRADIOL
PROGESTERONE
TESTOSTERONE
DEOXYCORTONE ACETATE

OESTRONE
OESTRADIOL MONOBENZOATE
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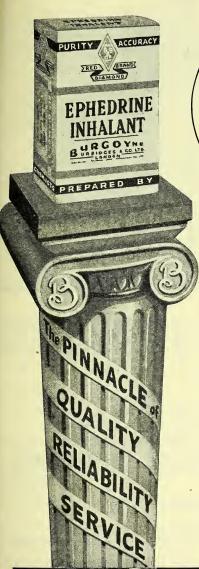
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A 'RED DIAMOND' PRODUCT

l oz. Bottles, elegantly cartoned, cellophaned, complete with dropper. 10/6 a doz. $+ P.T. \frac{1}{3}rd$.

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Chalk—Precipitated and Prepared
Cresylic Acid
Coal Tar Disinfectants

T I I I

Emulsifiers

Magnesium Carbonate (Pond.)

Synthetic Detergents

Naphthaline

Toluene, Xylene

Zinc Oxide

DUNN BROTHERS'

SUCCRS. LTD.

BOOTH STREET, MANCHESTER

Established 75 years

FOR SALE

BOTTLES & JARS

Also Bakelite and Metal Screw Caps
SUBSTANTIALLY REDUCED PRICES

Large stocks of various kinds available for immediate delivery. Just send us details of your requirements stating quantities you want of each item and we will gladly quote by return.

RELIANCE TRADING CO.

13 NEW COLLEGE PARADE, FINCHLEY ROAD, LONDON, N.W.3

Telephone: PRImrose, 5611 and 3167
Telegrams: 'GORDON' PRIMROSE 5611

A sure 'seller'

. when displayed near your baby scales or with baby requisites



THE BABY

SPOSABLE NAPKIN. absorbent cellulose with pink unabsorbent backing.

Pkts. of 24 = 18/- per doz.

Retail 2/- per packet.
Packets of 12—11/3 per doz. Retail 1/3 per packet.

TIE UP SALES WITH: The NAPSOL Baby hygienic Panty



Attractive Five Colour Display Box

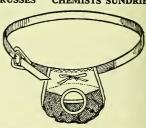
M. MERICA & Co. Ltd.

QUEENS MILL -SHAW ROAD OLDHAM - LANCS.

Telephone: MAIN 5803

Clifton"

SURGICAL APPLIANCES and SUNDRIE ABDOMINAL BELTS and CORSETS SUSPENSORY BANDAGES JOCK STRAPS **ELASTIC HOSIERY** TRUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types Special terms to wholesaler

Write for price list

CHARLES WILLIAMS & Co.

(Prepr.: A. G. Price)

STONEY STREET BEESTON

NOTTS

CURE-SELLING STOC

WIDOW WELCH'S FEMALE PIL

9d. BOX PROFIT by ordering I do $3/3\frac{1}{2}$ size. Bonus given on ev dozen (13). It pays to push this : C. & G. KEARSLEY LT

71 Dartmouth Rd., London, S.E EST. 1787

RECOMMEND

with confidence

PENETRATES and REBUILDS DAM-AGED TISSUE in SKIN ILLNESSES

Remarkable for the Treatment of Burns, Spots, Rashes, etc.

BIO-COLLOIDS LTD., Altrincham, Cheshire

THERE ARE MANY SALES



BECAUSE THERE ARE MANY USES



The first of a new series of press advertisements that is going to make women look for ANDREX tissues in your shop.

ANDREX handkerchief tissues — by the makers of the popular Andrex toilet tissues — make quick sales because they are so very versatile. Women always buy them to keep handy in case of colds in the family. They are extra soft, fully hygienic, and save laundering. But there are also a hundred and one other uses for them in bedroom, nursery, office and kitchen. Put them on display and hear your customers say, "That's just what I want!"

There are two sizes: BOUDOIR PACK containing 100 tissues, retail price 1/-; and the POPULAR FAMILY PACK with three times the quantity (300 tissues), retail price 2/6. Obtainable now from your wholesaler. If you have difficulty in obtaining supplies please write

Brilliant new pack!

Brilliant new pack!

to the manufacturers.

FREE SHOWCARDS

The new showcard will add colour and distinction to your counter and pounds to your turnover. Send for yours now.

A N.D



HANDKERCHIEF

St. Andrew Mills Ltd., London. E.17. (Wholesale only)



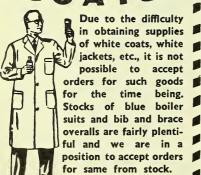
HILLCREST TOILET ROLLS are made of the purest Toiler
Tissue, and each sheet is medicated with Pine germicide
Star SELLING POINTS

- ★ ATTRACTIVELY BANDED IN THREE COLOURS ON GLAZED PAPER in 6 oz., 7 oz., and 8 oz. weights
- ★ SUPER QUALITY manufactured from purest toilet tissue
- * KEEN PRICES FOR QUANTITIES to established Whole-salers
- * ALL SHEETS MEDICATED WITH PINE GERMICIDE
- ADVERTISING—Your customers will see this advertisement in the "News of the World," "Daily Mirror," "Daily Express," "News Chronicle," "Daily Herald," "Daily Mail," and all the leading Provincial papers; also on Odeon and A.B.C. Cinema Screens.
- * CUSTOMERS' OWN DESIGNED GLAZED BANDS PRINTED (NO EXTRA CHARGE)

Sole Manufacturers: LIPTONS PAPER MILLS LTD., Head Office: UNITY WORKS, HEDDON ST., LONDON, W.I TRADE ENQUIRIES INVITE

GARDINER'S

COATS

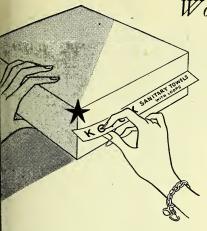


Gurainer & Co. House) Ltd.

1, 3 and 5 COMMERCIAL ROAD, LONDON, E.I.
Opposite Aldgate East Station. Phone: BIS 6701 (8 lines)
Branches: Deptroop, S.E.8;
WOOLWIGH, S.E.18; CLAPHAM, S.W.11.

I'M IN THE POPULAR SUNDAY NEWSPAPERS AND WHEREVER I APPEAR KLEEN BLADES SALES RISE

W. R. SWANN & CO. LTD., SHEFFIELD, 6



Simply remove the perforated strip and the plain box is ready for sale.

Women prefer

KOTEX

SANITARY TOWELS

(WITH LOOPS)

Because demand exceeds supply, please do not blame your wholesaler should he be unable to meet your requirements.

LUCOTTON PRODUCTS LTD., 33/34 AYLMER PARADE, LONDON, N.2

GRO You'll ACTIVE RESPONSE from ASPRO' DISPLAY 'ASPRO' displays are powerful pullers

'ASPRO' displays are powerful pullers because they act as vivid reminders to thousands of 'ASPRO' users, and 'ASPRO' is better known to the public, and means more to them, than any other line of its kind. 'ASPRO' displays give you a double advantage—they increase your profit margin by qualifying you for bonus and at the same time are, in themselves, making steady sales for you.

DNSTANT DEMAND SHIFTS ASPRO QUICKLY rep good marginal stocks on hand

PRO' BAGS—PRICES REDUCED. We are passing on to you the full benefit of the lower proncosts of paper bags:—GREASEPROOF (formerly 9/- per 1,000) NOW 6/- per 1,000. 2-OZ. WHITE erly 6/6 per 1,000) NOW 5/- per 1,000. We suggest you take advantage of this opportunity by ordering now.

Made by ASPRO LIMITED, Slough, Bucks

ASPRO

DOWN WITH FREEDOM!

FOR CORKS

VES, we mean it. We treat corks as mere bottle-fodder-brutally stamp out every vestige of individuality, in quality or dimensions. We are notorious for reducing corks to a

state of unbelievable uniformity.



Boiled alive. . . .

The Nazi press-gangs had nothing on us. We ruthlessly rip the bark from Spanish cork-oaks, boil, scrape, and press it, then shut it in the "hot-box." When it's thoroughly cowed, we

punch thousands of corks out of it. These are then subjected to a series of fiendish tortures tapering, bevelling, sanding, notching, sterilizing—even branding! If after all this there is still 1/63rd of an inch of individuality about a cork-off it goes to be ground up into byproducts. Sometimes only 5 per cent of a whole batch survive to become corks of our Grade A quality.

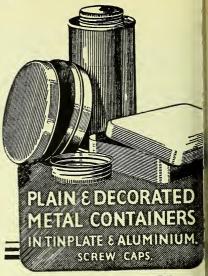
If you feel as callous as we do about corks, and want them to be absolutely alike in quality and size—just let us know, by letter or telephone. Armstrong Cork Co. Ltd. (Closure Division), Kingsbury, London, NW9. Tel: Colindale 7080. Scottish Branch: 5 Oswald Street, Glasgow, C.1. Tel: Central 5703.

FREE ON REQUEST. The handy Armstrong string of Standard Cork sizes shows at once what size you wantwhether for dispensing or for ordering supplies. May we send you one?



ARMSTRONG'S CORKS

CORKS · CROWN CORKS · MOULDED CAPS



AVON

PRINTERS LTD IMPERIAL WORKS, ST. GEORGE, BRISTO GRAMS TINPAX BRISTOL PHONE BRISTOL 578

STERILIZED CLEANING CLOTHS

WHITE WIPERS @ 130/- cwt. 87/6 cwt. 3/- per lb

Prompt dispatch. Carriage extra. SHEARMAN & CO. LTD., Duke St., Tavistock, Devoi

Always T. HARLEY LTD., PERTH, SCOTLAND

MIRROR METALLIC PAPERS

for Window Dressing, etc., Silver, Gold, Red, Gro Blue, Cerise: 8/6 per roll. 20in.×12 yd. Send Samples also of other Window Dressing Papers. Cr Paper and Coloured Tissues, etc.

FEW STOCK SIZES. $3\frac{1}{2} \times 6\frac{1}{2} \dots 30/-3\frac{1}{2} \times 8 \dots 35/-4 \times 4 \dots 23/6$ 11 x 21 .. 12/6 4½ x 8 x 6 x 7 30/x 5 . . 24/- 4 x 7 . . . 35/- 51 x 10 . . 5 CELLOPHANE" SHEETS FOR WRAPPR 20 x 30. 50/- 500. Rolls. 5yds. x 20". 18/- doz

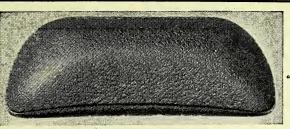
ASK FOR LISTS AND SAMPLES 37, FARRINGDON STREET, LONDON, E. PHONE: CENTROL 5947 - GRAMS: SUNFLECTA, CENT, LOND

THE "FORSETTA" METAL SPECTACLE CASES

Super Spring Lid

Completely DUSTPROOF

Prompt
Delivery
Carriage Paid



Size 21 Hockey End

Only Best

Quality

"Rexine" used

Best Value Obtainable

n the following colours: Cambridge, Oxford and Marina Blue, Black Blue, Red and Black Linen, Lizard Brown, Cherry Red, Red, etc.

Price 12/- doz. plus 8/- doz. Purchase Tax. Special price for quantities.

WE HAVE SECURED THE AVAILABLE STOCK IN THIS COUNTRY OF AMERICAN MANUFACTURED LENSES

VERY SPECIAL OFFER

Best quality Toric Lenses 40 M/M Bevel-Edged (Round). Full range in Spheres from lano to 6.00 and in Cyls from 0.25 to 2.00 plus and plus, and minus and minus. All by best U.S.A. Manufacturers:— Bausch & Lomb; E. B. Meyrowitz (Inc.); Shuron Optical Co. (Inc.); American Optical Co.; Renaud Optical Co. (Inc.), etc. PROMPT DELIVERY. ORDER NOW WHILST WE HAVE THEM.

Also a limited number in 0.25 to 9.00 plus meniscus.

SEND US YOUR ENQUIRIES FOR QUICK DELIVERY OF

UNCUT LENSES FIRST QUALITY

In: TORICS, MENISCUS, FLATS and FLATS SPH/CYLS All sights in first, second and third ranges.

SPECTACLE FRAMES at Special Price whilst they last!

We have purchased the whole stock of Valley Industries Ltd.

Contour Eye, Screw Joint, Reinforced-side Spectacle Frames in Brown Mottle, Flesh, Autumn Leaf, Demi-Blonde and some Black — Assorted Sizes.

514 58/6 per doz. pairs nett 524 63/- ,, ,, ,,

SIR JOHN PRATT & CO

(Proprietor: Sir John Pratt, J.P.)

Manufacturing Opticians

9 FORSET COURT, EDGWARE ROAD, LONDON, W.2

Telephone: PADdington 4104



A MOVING PICTURE..

Hiltone's popularity makes it a ready seller and this year's increased press advertising will ensure bigger-than-ever sales. Hiltone's famous slogan "as light as you like... and no lighter" will be seen by millions of women, and country-wide demonstrations will keep Hiltone in their minds. For brightening and lightening the hair to new, natural-looking beauty, Hiltone's controlled action is unequalled. Stock Hiltone, display it—you'll sell it.

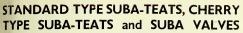
HILTONE

AS LIGHT AS YOU LIKE . . . AND NO LIGHTER

COUNTY PERFUMERY CO. LTD., STANMORE, MIDDLESEX



RANGE OF PHARMACEUTICAL RUBBER PRODUCTS



Designed to promote safe feeding and can be easily sterilized. Heat moulded and cushioned to

conform with the best principles of breast feeding. Will not slip or pull off, but roll on and off with perfect ease. The Suba-Valve helps baby to draw up the milk rhythmically through the Suba-Teat.

individually packed in cartons and supplied in display outers.



ALL OUTSTANDING AS QUALITY GOODS — ALL the SUBA-SEAL are more



Definitely the most efficient and hygienic

enema in existence.

Improved vaginal Spray giving more efficient and comfortable cleaning action.



Suba-Seal ENEMA

SUBA-SOOTHER

Specially designed to suggest the rhythmic movement of breast-feeding. Durable, hygienic, easily sterilised.

Suba-Seal EAR, NOSE, THROAT AND DENTAL SYRINGES, RECTAL SYRINGES AND POWDER BLOWERS. Rubber throughout with varied shaped nozzles.

Suba-Seal WHIRLING SYRINGE

FOUNTAIN Suba - Seal DOUCHE,

All rubber, large capacity, designed to give the utmost efficiency and service.

Suba-Seal CLOSED MOUTH DOUCHE, and hot water bottle combined. Spare cap for hot water bottle supplied.

Suba-Seal CHEMIST'S CLOSURE PACK. A carefully planned container designed to hold a varied range of the famous Suba-Seal Turnover-type Closures.

IMPORTANT

To all Suba-Seal Contract Holders. You are entitled to additional bonus on any of the above-mentioned products. Don't delay, order today and secure additional profits.

Full details of all these products and others can be obtained from:

SUBASEAL WORKS, PEEL STREET, BARNSLEY, YORKS.

Telephone: Barnsley 4081.

Telegrams: "Subaseal," Barnsley

PICTURE POST is an exceptional product, with one of the best known brand names in Britain. It appeals to a great cross section of the public and enjoys exceptional goodwill.

National advertisers recognise the unusual prestige of PICTURE POST when they place advertisements in its pages — which they are doing in increasing numbers; because PICTURE POST attaches its own goodwill to their products, and gives them a national showing.

Retailers also read PICTURE POST; and they follow its advertisement pages for news of national products that belong in their own trades. They know that if it's advertised in PICTURE POST it must be good, and will sell.

Watch for PICTURE POST retail announcements in your own trade journals; and watch for your own trade products in PICTURE POST, so that you can supply the many PICTURE POST readers who will be asking for them.

One-and-a-half million men and women buy PICTURE POST each week; it is read by one out of every four grown-ups in this country.

HULTON PRESS LTD., 43/44, SHOE LANE, LONDON, E.C.4.

MEANS BUSINESS



THE PUBLIC WANT

ZEMS

P. A.T. A.

Order now from your wholesaler or direct from—

GLADSTONE LABORATORIES
718/24 SEVEN SISTERS ROAD,

TOTTENHAM, N.15





IN MATTERS CONCERNING FEMININE HYGIENE.



The responsibility to give professional advice when called upon has placed pharmacy in a position of high esteem, and it is a service especially valued by women. When it is a question of family limitation it is always wise to suggest a Rendells Product. As pioneers of the chemical contraceptive we can now offer a range of preparations to suit every individual requirement.

RENDELLS PESSARII RENDELL GELS RENDELL-FOAM RENDELL-CREAM

Pendells

PRODUCTS FOR FEMININE HYGIENE

YES.

Spontex MEANS BUSINESS

NEW NATIONAL ADVERTISING NEW LOCAL PRESS ADVERTISING NEW COUNTER DISPENSERS NEW ART DISPLAY CARDS

MORE NEW BUSINESS FOR THE CHEMIST TRADE COMING SHORTLY







Roter Gastric Ulcer Tablets

indicated for:

GASTRIC AND DUODENAL ULCERS

Retail prices: trial size (40) 7/11, standard size (120) 22/6, full treatment size (640) £5.12.6.

Obtainable from the Importers:

F.A.I.R. Laboratories Limited

183 Heath Road, Twickenham

Manufactured by :

Pharmaceutische Fabriek "Roter" Hilversum, Holland

Take it from me these products PULL THEIR WEIGHT

Satino

TOILET TISSUE

Satino Toilet Paper in rolls and Interleaved Super soft in boxes -Backed by Nation wide publicity.



KWICK-DRY

HOUSEHOLD TOWELS

A Boon to every house-wife. Supplied (Perforated) in rolls. Further details from address

below.

Details and Samples can be obtained from the

manufacturers:

FREEDER BROTHERS PAPER MILLS Brimsdown Enfield Middlesex Telephone: HOWard 1847 (5 lines) Telegrams: Sylkocrepe, Enfield, Middlesex

AN ALL COTTON WOOL PRODUCT OF REPI

Patent No. 410 (Registered)

SUPERFINE QUALITY ALL WOOL SANITARY TOWE

LOOPED ENDS NON-ABSORBENT BACK WHOLESALE ONLY

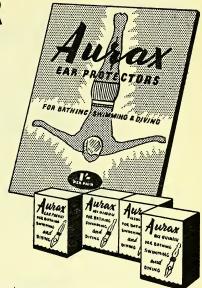
BAILEY DYSART STREET, GREAT MOOR, STOCKPO

IME TO ORDER

Aurax

AR PROTECTORS!

Here's a line that's selling fast s summer—easily the best ear protector on the market for swimmers d bathers.



RAX Ear Protectors have these big advantages:

- I They're anatomically designed by experts for perfect fit (separate left and right protectors).
- 2 They cushion the ear completely from sudden water impact and cannot be driven in.
- 3 Their soft flesh coloured rubber pads fit so comfortably that their presence is unnoticed. Hearing is practically unaffected.
- 4 Instantly fitted, instantly removed, Aurax Ear Protectors are safe and hygienic. They're made by the famous House of Optrex.

Aurax Ear Protectors are packed in small cartons each containing one pair. Trade price 8/- per doz. Retail price 1/- per pair. Attractive showcards supplied on request.

ORDER NOW FOR BIG SALES THIS SUMMER

Quantity discounts available for mixed parcel.

KELDON LTD · Wadsworth Road, Perivale, Middx.



BEVAREX

A nourishing and sustaining MALT FOOD BEVERAGE

Showcards available further particulars from

of OUTSTANDING merit
Retails at 1/8 per 6 oz. tin

Retails at 1/8 per 6 oz. tii Wholesale 13/6 doz.

EDME LTD.,

IMPERIAL

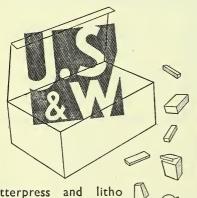
HOUSE, REGENT

STREET,

Telephone: REGent 5563-4

Grams: "EDME," Piccy, London

Works: MISTLEY, E



Letterpress and litho cartons. Folding and rigid boxes. Packings for special purposes.

The Packaging Specialists

Specialisto JOHNS, SON OF 1842-1950 2-4 EPWORTH S

JOHNS, SON & WATTS LTD.

2-4 EPWORTH ST., LONDON, E.G. 2

2-6 EPWORTH ST., LONDON, E.G. 2



FASSETT & JOHNSON LTD 86 Clerkenwell Rd. London, E.C. I and 6 Crow St. Do MADE BY VERNON & CO., PRESTON, LANC



raffin Gauze Dressing B.P.C. will be luded in the July issue of the N.H.S. ug Tariff, and from that date envees containing single pieces $(3\frac{3}{4}" \times 3\frac{3}{4}")$ y be prescribed under the N.H.S. dical Practitioners are being advised this fact.

onet is a PARAFFIN GAUZE ESSING (a petroleum jelly gauze) nplying in every respect with the C.C. specification.

e entirely new envelope pack for onet is described fully on page ten our May Price List, but for your venience the following is a brief Order No. J.3: Cartons of 12 pieces (3\frac{2}{3}" x 3\frac{2}{3}" each piece) in sealed envelopes.

Retail —7/6d. per carton

Trade —5/4d. per carton

Order supplies in readiness from your usual Wholesaler without delay!

Note: Jelonet tins of 36 pieces or 8-yd. continuous strips will continue to be available to meet other demands.

JELONET

PARAFFIN GAUZE DRESSING B.P.C.

(A PETROLEUM JELLY GAUZE)

ADE BY T. J. SMITH & NEPHEW LIMITED, HULL

RECOMMENDED FOR DIABETICS

REFRESHING Fruit Juice drinks without added sugar are now specially prepared for diabetics — 3/- a bottle.

ROSE'S

DIABETIC

LEMON AND ORANGE SOUASHES



3/-PER BOTTLE

At last we can now offer

The 'SANDRA' TERRY FACE CLOTH

Each individually wrapped in attractive printed cellophane bags. A quick and ready seller at all times - order NOW for the coming season.

Wholesale Chemists' and Druggists' Sundriesmen

62, 64, 66, STONEY LONDON, E.C.3

BISHOPSGATE 1172-3-4

P. A.T.

Uiuromil

A medically-prescribed product for the treatment of

RHEUMATISM — GOUT — ARTHRITI FIBROSITIS - CYSTITIS - PYELITI

Diuromil is an ethical product regularly prescribe by doctors all over the country. It is an effet vescent granular preparation of palatable taste, th formula including Piperazine

and Lithium, which, acting together, are twice as effective as solvents of Uric Acid as Piperazine alone. Diuromil mobilises, eliminates and prevents precipi-tation of Uric Acid.

Regularly advertised in the medical and nursing press, but may be recommended and sold without medical prescription.

Write for sales terms, samples and literature.

PHARMAX LIMITED

The Organ Works, Old Hill, Chislehurst. Kent.



ng.)

'ROCHE' NEWS IN BRIEF

'Becosym' and Purchase Tax rmacists are reminded of the depon of the Commissioners of Cuss and Excise that calcium pantonate is no longer regarded as a min for purchase tax purposes. sequently 'Becosym' ampoules tablets are now subject to purse tax. (Note: Pantothenic Acid lets 'Roche' and Heparglandol-B

Substantial Price Reductions

che' are also affected by this

stantial price reduction for 'Beco-'and 'Benadon' became operato the trade on June 1st, 1950, retail and medical prices effecfrom the same date. Claims for the have been issued to the trade. new prices are as follows:

Packings Retail Price Purchase Tax extra osym' 12/6* mpoules 6 2/93 50 75/-* 16/8 ablets 25 4/6 1/-3/4 100 15/-500 60/-13/4 iadon' npoules, 50 12/6 6 Exempt 50 ng. (2 c.c.) 90/-,, 25 ablets, 20 10/-" 100 35/n.g. ,, 500 157/6 * No change

'Thephorin' Antihistamine Preparations

h reference to the proposed incluof antihistamine preparations for use of Schedules I and IV of the ons Regulations, pharmacists are inded that 'Thephorin' Ointment still be sold without restriction.

recent paper it was stated that ephorin' Ointment is of value in viating the pain associated with the stings of hornets, wasps, mosquitoes and ants. (J. Amer. Med. Ass., 1949, 140, 603). Pharmacists interested in this subject are invited to apply for an abstract of this paper.

'Redoxon' Ampoules, One Gram The introduction of 'Redoxon' 5 c.c. Ampoules 1G has recently been announced at the following prices: Packings of 3 ... 6/-

Packings of 25 ... 40/Exempt from Purchase Tax

Packings of 25 ... 40/Exempt from Purchase Tax

'Sedulon' Sedative Cough Syrup

We are pleased to announce that the introduction of 'Sedulon' Sedative Cough Syrup has met with a gratifying and immediate success. This preparation, containing 3:3-diethyl-2:4dioxo-piperidine 50 mg. in each fluid drachm, is recommended in all forms of useless cough, whooping cough and other irritating conditions of the upper respiratory tract. 'Sedulon,' in appropriate small doses, may be given with safety to infants and children. preparation is packed in 4 fl. oz. retail price 5/-, purchase tax $1/1\frac{1}{2}$, and 16 fl. oz. retail price 17/6, purchase tax 3/11.

Riboflavin in Treatment of Pruritus

The results obtained with riboflavin in various pruritic dermatoses confirmed earlier experimental observations that this vitamin exerts a favourable influence on pruritus. Following the injection of 10 mg. 'Beflavit' daily eighteen of the twenty cases treated obtained marked to complete relief. A partial return of the pruritus occurred a few days after treatment and it was suggested that riboflavin acts by exerting a temporary antihistamine effect ("Arch. Ital. Derm., Sifil e Venerol" 1949, 22, 3).

CHE PRODUCTS LIMITED . WELWYN GARDEN CITY . HERTS



The Oatine Company (Opera Omnia Ltd. Proprietors) 44 Kennington Lane, London, S.E.1



Prom your usual wholesaler or direct

DIXOR LTD. St. Leonards Works,
Mortlake,
S.W.14





imes is now well over 8,000,000. And it read seven days a week by all the family. Even mothers of young babies find time o study the Radio Times for their favurite programme. And whilst they are loing this, they are bound to notice these

in a matter of such importance to them. This advertising is bound to stimulate ales. Be ready to take advantage of hese sales - build up your stock of

dvertisements which offer so much help

Modern' Teats.

DISPLAY THE GOODS ADVERTISED IN THE

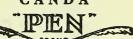
RADIO TIMES

Member of the Audit Bureau of Circulations

dvertisement Department, B.B.C. Publications, Broadcasting House, Portland Place, London, W.1

In attractive Plastic Containers.

'CANDA'



IODINE MOSQUITO D.M.P. (Insect Repellent)

ACRIFLAVINE and CLEARSIGHT

Always popular, always sure of quick sale.

The 'PEN' DISPLAY BOX contains 1 doz.

RETAIL

1/3½d. each

TRADE

9/- per dozen plus 3 per doz. Purchase Ta

I/-

9/= per doz. No tax

Wholesale Terms on Application

CLAY & ABRAHAM LTD., Manufacturing Chemists, LIVERPOOL, 1



GUILLEMINOT

World-Famous French

NOW AVAILABLE IN REASONABLE **OUANTITIES** AND STANDARD BRITISH SIZES

THE FOLLOWING SIZES FROM STOCK

ORTHO CHROME No. 620 ORTHO CHROME No. 120

No. 127 No. 116 **PANCHROMATIC PANCHROMATIC**

No. 620 No. 120

PANCHROMATIC

No. 127

Price List and Order Form on Application. Orders taken in strict rotation.

46/56 ORMSIDE STREET LONDON, S.E.I6 Tel: New Cross 5222

ORTHO CHROME

ORTHO CHROME

& CO. LTD.

AND AT: CROWN ST. BRIGHTON Tel: Brighton 29503

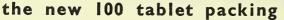


An excellent product—a big new market—straightforward, compelling and consistent advertising. These are the factors which have built Silvikrin Lotion ith Oil into a big seller in record time. Reap the full benefit of this new business

y making a special display of Silvikrin otion with Oil NOW. The well-known of pack makes a striking eye-catcher and increased demand is sure to follow.

Silvikrin Lotion with Oil

Introducing





As the existing 500 tablet pack of TAXOL is now a "tax free" dispensing pack and is thus not available to the general public we have decided to introduce a 100 tablet size for those customers who desire a pack larger than the normal standard size of 50 tablets.

PATA Trade Prices

50 tablets - - - 25/- per dozen + 8/1 P.T. 100 tablets - - 46/- per dozen + 14/10 P.T. 500 tablets (Dispensing Size) - 200/- per dozen (tax free)

CONTINENTAL LABORATORIES LTD. 101 GREAT RUSSELL STREET, LONDON, W.C.I

Telephone: Museum 2042-3

Telegrams: Taxolabs, Phone, London

A NEW WINTER LINE for CORYZA, BRONCHITIS, etc.

@ Intrasept PATA

INTRASEPT consists of an highly concentrated alcoholic solution affording a strong anti-bacterial effect with excellent expectorant properties, resulting in a reduction of nasal secretion and inflammatory conditions of the upper and lower respiratory tracts.

INTRASEPT contains iodine, caffein, camphor, peppermint, salicylates, etc., in alcohol which is administered by 8-10 drops three to four times per diem; supplied in special drop bottle, containing 6 gm.

One size only retailing at 3s. 9d. inc. P.T.

RIDDELL PRODUCTS LIMITED

AXTELL HOUSE

WARWICK STREET

LONDON · W.

Telephone: GERrard 3754



(MEDICINAL AND TOILET)

SOAP - OINTMENT

TALCUM POWDER - SHAVING STICK

These grand aids for skin-care have been giving confidence and satisfaction for over 65 years. Profits are good — Advertising consistent and widespread. Sales-promoting window displays always at your service.

The following attractive products, each with a universal appeal, will shortly be added to the popular Cuticura Range:

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British Distributors: NEWBERY & PHILLIPS LTD.

> 203, Victoria House, Southampton Row, London, W.C.1 TELEPHONE: HOLBORN 1564

THE POTTER DRUG & CHEMICAL CORPORATION 205-207, Victoria House, London, W.C.1



Research, Standardisation, Activity, Purity—these important factors have built up the high reputation of "Oxoid" Medical Preparations.



or telegram are dealt with immediately and goods reach you in the shortest possible time.

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OXO LIMITED

Medical Dept.

THAMES HOUSE, QUEEN STREET PLACE, LONDON, E.C.4

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National and Provincial Newspapers and Magazines carry a strong selling message throughout the summer months to all those who suffer from corns.

ICK 'FREEZONE' IN YOUR £10 PARCEL AND RECOMMEND THE CORN REMOVER
THAT 'LIFTS THEM OUT' FOR EXTRA PROFITS FROM SATISFIED CUSTOMERS.

CK YOUR £10 PARCEL FROM THESE PRODUCTS :-



of more than 34%.

FREEZONE

TRADE MARK

ANADIN · KOLYNOS · ANNE FRENCH · LYSTONE BISODOL · PINEATE · BISURATED MAGNESIA · REUDEL

Your customer with a dental plate needs an Addis 88

So business-like it sells itself

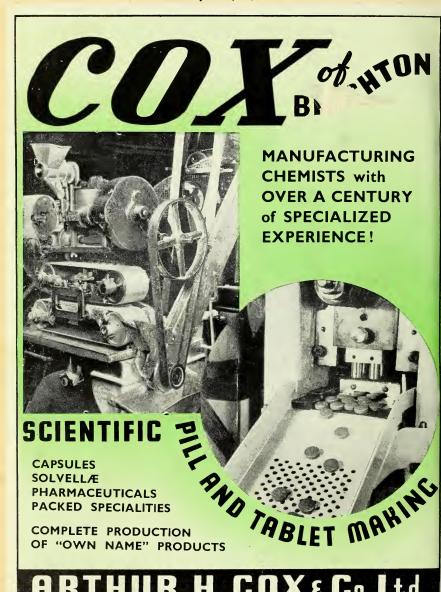
Half the women who come into your shop have a dental plate—so have many of their husbands—and every one is a customer for Addis 88. There is no other brush like it. With its correctly-shaped handle and its *three* heads for thorough cleaning, it *looks* efficient, it *is* efficient. And it's the only denture brush regularly advertised in big circulation nationals! You get a display card free with every dozen. Retail price 3/6d. each. Your price 23/4d. per doz. plus P.T. Order from your wholesaler.

Addis 88

Regd

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